

**FINAL REPORT FOR REMEDIATION OF LOCATIONS
IN GRANITE CITY, MADISON, AND VENICE, ILLINOIS
ASSOCIATED WITH NL INDUSTRIES/TARACORP
SUPERFUND SITE**

**PRE-PLACED CONTRACT NO.
DACA45-96-D-0014
DELIVERY ORDER NO. 0004**

Submitted by:

OHM Remediation Services Corp.
Midwest Region

Prepared by:

Tom Warren
Project Manager

February 15, 1999
Project 19321

This information is the exclusive property of the party to whom it is addressed. OHM Remediation Services Corp. assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the party to whom it is addressed. ©1999 OHM Remediation Services Corp.

EPA Region 5 Records Ctr.



291346

TABLE OF CONTENTS

TABLE OF CONTENTS

1.0 INTRODUCTION

1.1 SITE HISTORY

1.2 DOCUMENT ORGANIZATION

2.0 SCOPE OF WORK

2.1 PREPARATION OF SITE-SPECIFIC PLANS

2.2 SITE ADMINISTRATION/LOGISTICAL SUPPORT

2.3 MOBILIZATION/DEMobilIZATION

2.4 SITE PREPARATION AND TEARDOWN

2.5 OPERATIONAL SCOPE OF WORK PERFORMED

2.6 SAMPLING AND ANALYSIS

2.7 TRANSPORTATION AND DISPOSAL

3.0 TECHNICAL APPROACH

3.1 PRE-CONSTRUCTION ACTIVITIES

3.2 SAMPLING AND ANALYSIS

3.3 CHEMICAL DATA ACQUISITION PLAN AMENDMENTS/ADJUSTMENTS

3.4 TRANSPORTATION AND DISPOSAL

4.0 HEALTH AND SAFETY SUMMARY

4.1 PROJECT SUMMARY AND CONCLUSIONS

4.2 SITE SAFETY AND HEALTH PLAN EVALUATION

4.3 SITE SAFETY

4.4 EXPOSURE MONITORING

5.0 QUANTITY SUMMARY TABLE

6.0 VERIFICATION ANALYTICAL SUMMARY TABLE

6.1 STACK EMISSION SITES

7.0 PHOTO REPRESENTATION

APPENDIX A - FLOW CHARTS

APPENDIX B - REMEDIAL LOCATION WORK DESCRIPTIONS

1.0 INTRODUCTION

The United States Army Corps of Engineers (USACE) tasked OHM Remediation Services Corp. (OHM), a wholly owned subsidiary of OHM Corporation, under the Pre-Placed Contract No. DACA45-96-D-0014, Delivery Order (DO) No. 0004, to perform remediation of Stack Emission sites at various locations associated with the NL Industries/Taracorp Superfund Site (NL Site) in Granite City, Madison, and Venice, Illinois.

1.1 SITE HISTORY

The NL Site includes the NL Industries/Taracorp Plant, a former secondary lead smelting operation located at 16th and Cleveland Boulevard in Granite City, Illinois. Prior to 1903, the plant included various smelting related equipment and processes. From 1903 to 1983, secondary lead smelting occurred on site. These activities were discontinued during 1983 and the equipment was dismantled.

In July 1981, St. Louis Lead Recyclers, Inc. (SLLR) began using equipment on adjacent property owned by Trust 454 to separate components of the Taracorp waste pile. The objective was to recycle lead bearing materials to the furnaces at Taracorp and send hard rubber off site for recycling. SLLR continued operations until March 1983 when it shut down its equipment. Residuals from the operation remain on Trust 454 property as does some equipment.

A State Implementation Plan for Granite City, Illinois was published in September 1983 by the Illinois Environmental Protection Agency (IEPA). The IEPA's report indicated the lead non-attainment problem for air emissions in Granite City, Illinois, were in large part due to emissions associated with the operation of the secondary lead smelter operation by Taracorp and lead reclamation activities conducted by SLLR. The IEPA procured Administrative Orders by Consent with Taracorp, SLLR, Stackcorp, Inc., Tri-City Truck Plaza, Inc., and Trust 454 during March 1984. The orders required the implementation of remedial activities relative to air quality.

NL Industries, as former owner of the location, voluntarily entered into an Agreement and Administrative Order by Consent with United States Environmental Protection Agency (USEPA) and IEPA in May 1985 to implement a Remedial Investigation/Feasibility Study (RI/FS) for the location and other potentially affected areas. Taracorp was not a party to the agreement due to the fact it filed for bankruptcy. The USEPA determined the location was a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) facility and it was placed on the National Priorities List on June 19, 1986.

1.2 DOCUMENT ORGANIZATION

This final project report is intended to provide a detailed description of the tasks involved in performing the work. Section 2.0 describes the scope of work involved in the preparation of the site-specific plans, performance of site administration/logistical support, mobilization/demobilization, site preparation/teardown, and the operational/technical scope of work performed. Section 2.0 also compares the actual scope of work performed with the planned scope of work in general terms. Section 3.0

describes the technical approaches implemented to accomplish the operational and technical tasks of the project including sampling, analysis, waste transportation, and waste disposal. Section 4.0 describes the Health and Safety approaches implemented to accomplish the operational tasks of the project. Section 5.0 and 6.0 contain the quantity summary tables and verification analytical summary tables respectively. Appendix A depicts the Flow Charts showing work performance. Appendix B provides detailed descriptions of the work performed at each remedial location, as well as, tables and maps detailing the sampling and analysis. Appendix C contains the detailed descriptions of work performed on the easements for this project.

2.0 SCOPE OF WORK

The scope of work for this project was delineated by the documents USACE supplied to OHM entitled: Scope of Work for Contract DACA45-95-R-0015, Stack Emissions (Lead) Removal, Madison, Illinois.

The scope of work generally encompassed the following tasks:

- Preparation of site-specific plans
- Site administration and logistical support
- Mobilization and demobilization
- Site preparation and teardown
- Excavation, Backfill, and Compacting
- Turf
- Operational scope of work
- Waste transportation and disposal

2.1 PREPARATION OF SITE-SPECIFIC PLANS

OHM revised the site-specific project work plan (WP) from DO 17 to serve as a guideline describing how the work was to be performed in order to meet the requirements specified by USACE. The WP also included the chemical data acquisition plan (CDAP) and the location-specific health-and-safety plan (LSSHP).

Variances to the WP occurred during the project but were conducted only under authorization/direction of the USACE on-site representative(s). His/her purpose was to allow the project to function more efficiently while still remaining within all regulatory requirements. These variances are referenced and described in the relevant sections of this report.

The CDAP was prepared as a guideline to describe how, where, and how many samples would be collected. The laboratory analysis methods to be used, per the requirement of USACE's revised scope of services, were also outlined in the CDAP. In response to existing field conditions, this CDAP was amended to add the quality assurance project plan (QAPP) during the actual performance of work (see Section 2.6 for these amendments).

The LSSHP was prepared as a guideline describing the health and safety procedures which would be followed during the performance of the project. LSSHP addressed physical, chemical, and

environmental hazards unique to this project site. This LSSHP was amended prior to the project to allow remedial work to be performed by personnel wearing modified USEPA Level D personal protective equipment (PPE). The results of air monitoring indicated personnel could safely perform work at the remedial locations wearing poly tyvek suits, booties, gloves, hard hats, and safety glasses without respirators. Details pertaining to health and safety issues are discussed in Section 4.0, Health and Safety Summary.

2.2 SITE ADMINISTRATIONAL/LOGISTICAL SUPPORT

The project site administration was centrally located at # 10 Farrish in Madison, Illinois. Site administrative activities performed from this location included:

- Site Supervisor
- Cost tracking/reporting
- Health and Safety administration
- Waste tracking/documentation
- Field sampling/analytical support
- Field purchasing/subcontract management
- Logistical support

Prior to the physical work, logistical preparation activities were performed, including the following activities:

- Conduct a pre-construction meeting
- Verifying waste hauling licenses
- Meeting with property owners
- Locating utilities at necessary sites
- Establishing transportation routes
- Coordinating with local agencies and hospital

2.3 MOBILIZATION/DEMOBILIZATION

OHM performed mobilization of personnel and equipment primarily from its facility in O'Fallon, Missouri. A large percentage of the heavy equipment utilized on this project came from local vendors acting as subcontractors.

2.3.1 Subcontractors

Subcontractor activities were managed by the OHM project manager and site supervisor, and by USACE when necessary. Subcontractors were responsible for transportation, disposal, backfill material, sod and on-site equipment.

2.3.2 Permits

All necessary permits and licenses were secured before site mobilization. The transporter companies and disposal facilities were USEPA-licensed. Prior to mobilization, all on-site employees completed Occupational Safety and Health Administration (OSHA) 40-hour hazardous material training.

2.4 MOBILIZATION/DEMOBILIZATION

Sites were set up and/or torn down at each remedial lot.

2.4.1 Command Center

The command center served as the central location from which all personnel were dispatched to their respective work locations each day or as needed. The command center was located inside of a secured building and was equipped with computers, copiers, facsimile machine, telephones, and base radio. The rear of the building also served as a storage area for OHM's equipment, tools, and materials.

2.4.2 Remedial Locations

Site preparation was performed at each of the remedial locations. OHM set up decontamination points for personnel and equipment and exclusion zones were established prior to excavation. These exclusion zones were identified with orange snow fencing and yellow caution tape across existing fencing. They remained in place until backfill had been completed to a sufficient depth.

Excavation equipment used on the site was decontaminated prior to demobilization or backfill. Gross contamination was scraped from the machines before they were washed. As a dust control measure, the decontamination rinse water was collected and applied to the last load of contaminated soil.

2.5 OPERATIONAL SCOPE OF WORK PERFORMED

The excavation activities involved the removal of contaminated soils from the remedial sites. Restoration involved backfilling, seeding, and sodding of the sites after completing the remedial activities. The scope of work for this portion of the project is illustrated in Figure 2.1.1 The operations Flow Chart is depicted in Appendix A-1.

OHM's schedule for excavation was developed to facilitate logistical management and limit the time required to transport equipment and crews from location to location. During excavation activities, engineering controls and security measures, such as surrounding the exclusion zones with fluorescent orange polyvinyl chloride (PVC) barrier fencing, were employed to prevent cross contamination and unauthorized entry into exclusion zones.

Each of the stack emission sites had unique characteristics, which mandated particular methodologies of remediation.

2.5.1 Pre-construction Activities

Pre-construction activities for this portion of the project included the following items:

- Conducting a pre-construction meeting with USACE
- Issuing subcontracts
- Communication with Julie Corporation (the utilities' identification organization in Illinois) to locate potential underground utilities at the site
- Obtaining permits
- Obtaining soil samples for waste characterization
- Videotaping residential properties for restoration purposes

2.5.2 Construction Activities-Lots

The excavation techniques employed at each location varied according to location accessibility, depth, and extent of material. Minimization of disturbances to adjoining properties/areas was also a key consideration in performing each excavation. OHM used Bobcat mini-excavators, TL26, Takeuchi, TCM806 along with Kubota Tractors and manual removal methods.

Dust control was a major consideration. A storage system with pump and hose were available at all times to prevent fugitive emissions. Water trucks were also utilized to provide additional dust control and to transport water to sites for decontamination.

Most of the residential yards needed to have sod removed at varying depths of soil. Wastes were excavated using a track excavator, Takeuchi, and/or a Bobcat. At some locations, hand digging was necessary. Special soil was loaded into licensed waste hauler trucks for transportation to the disposal facility.

Most of the driveways contained aggregate soil mixtures. Most locations were accessible but required smaller equipment and hand digging. Non-hazardous waste (special waste) was classified analytically. The special waste was loaded into licensed haul trucks and sent to the disposal site.

2.5.4 Restoration

After excavation to predetermine depth had been achieved, OHM restored the location to pre-remedial conditions. Excavation areas were backfilled with clean soil and restoration was completed as required by the specifications. Sodding, seeding, and revegetation were performed when necessary.

2.5.5 Waste Removal

Wastes removed from the sites were transported to one of two locations. Milam RDF/Chain of Rocks. Figure A-2 in Appendix A shows the flow chart for T&D.

2.6 SAMPLING AND ANALYSIS

The following paragraphs detail the sampling and analysis tasks, as well as CDAP amendments/adjustments.

2.6.1 Sampling and Analysis Tasks

The sampling and analysis tasks for this project involved the following items:

- Street Sweeping
- Pre-characterization sampling and analysis of sites included as delineated by USACE
- Pre-characterization sampling and analysis of additional sites
- Resample (stack emission) as directed by USACE
- Backfill sampling

Street Sampling

OHM collected random grab samples from streets, as directed by USACE, for the purpose of determining the lead content of the street.

As per the scope of services issued to OHM by USACE, material at the residential sites exhibiting concentrations of total lead greater than 500 mg/kg were to be removed and disposed.

Samples were collected from one point in the front yard and one point in the back yard. Both samples collected were at least 10 feet from any structures if possible.

Site Pre-Characterization Sampling and Analysis

As the project progressed, the need to establish the level of effort anticipated for each upcoming site became much more apparent. The need to pre-characterize each of the remedial locations to establish reasonable estimates of non-hazardous waste requiring removal was made evident via an amendment to the CDAP. The site pre-characterization sampling and analysis efforts were applied to non-hazardous (stack emission) sites. The primary purpose of these efforts was to confirm or refute the potential contamination at each remedial location and to obtain an indication of the extent of contamination at sites with lead concentrations greater than 500 mg/kg. The most efficient and productive approaches to the pre-characterization sampling and analysis, which include the steps described in the following paragraphs, were ultimately developed for the residential lots.

Pre-characterization sampling and analysis at the residential lots included the establishment of two sample locations at each site. The two sample points were positioned at the center of the front and back yard of each location. One sample was then collected at the following depths from each sample location: 0 to 3 inches, 3 to 6 inches, and 6 to 12 inches.

The laboratory analysis of the samples followed the logic as below. The two samples representing the top 3-inch layer of each of the locations were analyzed for total lead and toxicity characteristic leaching procedure (TCLP) lead. The second and third set (representing 3 to 6 and 6 to 12 inch depths) were analyzed for total lead only.

This is depicted in Figure A-3 in Appendix A.

Pre-characterization of Additional Sites

Under authorization of USACE, OHM performed the pre-characterization sampling of additional sites over and above the original scope of services. The objective of this was to determine the potential presence of lead contamination with anticipation for the planning of remediation at these same sites. The technical approach for this task involved the same approaches as mentioned in the preceding paragraphs concerning pre-characterization.

2.6.2 CDAP Amendment/Adjustments

Development of the Sampling for Backfill Material

An amendment for the sampling and analysis of backfill was designed to show that incoming backfill material was clean to USEPA standards. This was done as a composite sample on every 1000 cubic yards of backfill and run for the following analysis:

- TCLP for Cd, Cr, Pb
- PAH-IEPA Levels
- Pesticides/PCB's
- TPH
- GRO
- DRO
- Total VOC's

2.7 TRANSPORTATION AND DISPOSAL

The transportation and disposal (T&D) of waste from the sites included the shipment of non-hazardous waste shipped to the Chain of Rocks facility/Milam facility. The special waste was transported by Garcia Trucking. The transportation of the waste was performed with tandem dump trucks.

2.7.1 Transportation of Waste

Each site was identified by an address which was written on the manifest. The site was then assigned a 5-digit manifest document number at the time of shipment. This system ensured the trucks origin was documented.

The State of Illinois requires each special waste shipment be on an all Illinois manifest. This allowed each shipment of special waste to also be cross-referenced with the preprinted Illinois manifest document.

2.7.2 Disposal of Wastes

This project involved the removal and disposal of special non-hazardous industrial waste (non-hazardous waste) which was primarily removed from residential locations. The objective of the non-hazardous waste excavation efforts was to remove all material exhibiting concentration of total lead above 500 mg/kg, but less than 5 mg/l, when analyzed by TCLP.

Disposal characterization of waste was determined by analyzing composite samples, as directed in Section 2.6. Pre-characterization analysis was done at each site to verify depth of lead contamination. The characterization of certain waste as non-hazardous was confirmed at each site with the performance of TCLP lead analysis of composite samples.

The disposal facility subcontracted to provide non-hazardous waste disposal was the Chain of Rocks facility/Milam. OHM obtained the approved waste profile by providing analytical that was previously performed under the Rapid Response Contract.

3.0 TECHNICAL APPROACH

The stated objective of this project was to excavate and dispose of lead contaminated soil in yards of residential communities as per the Record of Decision between the USEPA, IEPA, and the potentially responsible parties (PRPs) for the Superfund site.

This section describes the general approach implemented to complete the work in the residential lots. The methods implemented to perform the work on this project fall into one category:

- Residential lots (Non-Hazardous)

The operational effort extended was supported by the technical information that was gained through implementation of the following:

- CDAP amendment/adjustment
- Transportation and disposal, Appendix A-2

3.1 PRE-CONSTRUCTION ACTIVITIES

The pre-construction activities performed during this project were predominantly associated with obtaining disposal permits; obtaining transportation permits; preparing and delivering notifications of work to the public; attending public meetings; and identifying utilities at each remedial location. Many of these pre-construction activities were performed on an on-going basis as the project proceeded from one remedial location to the next.

The permits for the disposal of non-hazardous waste were obtained prior to shipment of the waste.

Before work progressed from one remedial location to the next, the identification of utilities was coordinated from the command center by OHM's safety supervisor. The identification of the utilities was coordinated with Julie Corporation. OHM's safety supervisor would telephone Julie Corporation and notify the organization of OHM's intention to perform work at a given site. Julie Corporation would then issue a "dig number" to OHM and notify all utility companies listed to provide service for the area of concern. Typically, the utility companies would mark the utilities on the site within 48 hours of OHM's initial contact with Julie Corporation.

OHM's subcontractors who performed the transportation of waste and equipment at and through the cities of Madison, Venice, and Granite City, Illinois City obtained required transportation permits.

3.2 SAMPLING AND ANALYSIS

The sampling and analysis tasks involved the following items:

- Laboratory confirmation sampling and analysis
- Pre-characterization sampling and analysis
- Backfill sampling

As per the direction of USACE, material at the residential sites exhibiting concentrations of total lead greater than 500 mg/kg were removed and disposed.

3.2.1 Pre-Characterization Sampling and Analysis

As the project progressed, the need to establish the level of effort anticipated for each upcoming site became much more apparent. The need to pre-characterize each of the remedial locations for establishing reasonable estimates of non-hazardous waste requiring removal was made evident through incorporation into the CDAP. The site pre-characterization sampling and analysis efforts were applied to non-hazardous (stack emission) sites. The primary purpose of the pre-characterization sampling was to confirm presence of non-hazardous waste meeting the action level. The most effective and productive approaches to the pre-characterization sampling and analysis were ultimately developed for the residential lots.

3.2.2 Technical Approach to Stack Emission Lots

The technical approach to the stack emission lots differed from the residential battery casing cleanups in the respect no confirmation sampling was necessary. The reason for this was due to previous sampling results yielding a pre-determined depth per USEPA. Consequently, yards were excavated to this pre-determined depth. In addition, all waste was shipped out as special-direct to a landfill.

3.3 CHEMICAL DATA ACQUISITION PLAN AMENDMENTS/ADJUSTMENTS

3.3.1 Development of the Sampling for Backfill Material

An amendment for the sampling and analysis of backfill material was designed to show that incoming backfill material was clean to USEPA standards. This was done as composite samples on every 1000 cubic feet of backfill and run for the following analysis:

- TCLP for Cd, Cr, Pb
- PAH-IEPA Levels
- Pesticides/PCB's
- TPH
- GRO
- DRO
- Total VOC's

3.4 TRANSPORTATION AND DISPOSAL

The T & D of waste removed from the sites included the shipment of non-hazardous waste by Garcia Trucking to Chain of Rocks Landfill/ Milam in Granite City, IL.

3.3.1 Transportation of Waste

Each site was identified by an address, which was written on the manifest. The site was then assigned a 5-digit manifest document number at the time of shipment. This system ensured the trucks origins were documented.

3.3.2 Disposal of Wastes

Disposal characterization of the waste was determined by analyzing composite samples, as described in Section 2.6. Verification of waste characterization was performed at each site through pre-characterization efforts. The characterization of certain waste as non-hazardous was confirmed at each site with the performance of total lead and TCLP lead analysis of composite samples.

The disposal facility subcontracted to provide non-hazardous waste disposal was Chain of Rocks/Milam in Granite City, IL. OHM obtained the approved waste profile by providing analytical that was previously done under Rapid Response Contract.

4.0 HEALTH AND SAFETY SUMMARY

4.1 PROJECT SUMMARY AND CONCLUSIONS

4.1.1 Summary

The following summarizes the health and safety aspects of this project:

- Task-specific hazard evaluations were performed each day at each work site prior to the start of work
- Air monitoring data was used during this project to verify appropriate personal protection was being used for site conditions. Personnel medical monitoring was performed prior to and at the end of the project to determine lead levels in the blood.
- Perimeter samples indicated total lead concentration below the action limit established in the LSSHP. Although results obtained are "after the fact," no personnel or citizens were at risk to exposure at any time.
- Personnel air sampling data indicated no detectable reading for total lead. There were no recorded cases of personnel overexposure to ambient lead levels.

4.1.2 Conclusions

Following completion of the project, the OHM Health and Safety Department made the following conclusions:

- The LSSHP was effectively implemented to address the health and safety hazards associated with each phase of site operations and to meet the requirements set forth in 29 CFR 1910.120.
- The existing LSSHP is appropriate for future phases of work at this site involving the same work activities.
- Future work should be performed in Level D PPE with appropriate air monitoring to verify the selection of PPE. An action level of 30mg/m³ should be used to warrant controls. Once monitoring shows consistent reading below the action level, the amount and frequency of air monitoring may be appropriately limited/reduced.
- Special attention should be paid to prevent any recordable accidents and near misses during the course of future work. Routine tasks should be reviewed and evaluated for potential hazards.

4.2 SITE SAFETY AND HEALTH PLAN EVALUATION

A LSSHPP was issued before the start of this project to address the health and safety hazards associated with each phase of site operations. The plan met the requirements of 29 CFR 1910.120. The phases of work addressed in the LSSHPP include the following:

- Mobilization
- Installation of perimeter fence
- Soil sampling
- Excavation of contaminated soil
- Load-out of contaminated soil
- Backfill of excavation
- Restoration of disturbed areas
- Decontamination and demobilization

4.2.1 Provisions

Once on site, waste materials were designated to be directly loaded into dump trucks.

Provisions were made to address heavy equipment, excavation and other physical hazards. Hazards associated with vehicle and pedestrian traffic in work areas and roadways were controlled by the use of warning signs, Men at Work signs, and road guards to direct traffic.

4.2.2 Personal Protective Equipment

PPE provisions were made to minimize exposure to lead contamination for personnel on site. Level D PPE included the following:

- Hard hat
- Safety glasses
- Steel-toed leather safety shoes/boots
- Poly tyvek coveralls
- Nylon booties (under) and Robar/Tingley boots (outer)
- Inner sample gloves, outer cloth or leather gloves

An action level of 15.0 mg/m³ of airborne lead, as determined by integrated sampling, was set by USACE to upgrade the level of PPE to Level C (including use of an air purifying respirator.) Air monitoring was performed for the duration of remedial activities to ensure proper PPE use.

4.3 SITE SAFETY

4.3.1 Accidents

Employee safety was OHM's first priority. After performing more than 157,454 man hours on

this project, OHM personnel suffered no OSHA-recordable accidents or injuries.

4.3.2 Preventative Measures

A number of measures were taken on site to prevent accidents and injuries. Daily safety meetings were held to discuss: hazards associated with upcoming work tasks; the use of specific tools and equipment; and other chemical, physical, and environmental hazards associated with site work. Task-specific hazard evaluations were performed each day at the work sites prior to the start of work.

Controls were used to eliminate the hazards associated with vehicle and pedestrian traffic near the work locations. Warning signs were posted and guards were used to direct traffic.

A heat stress prevention program was also instituted on site. Personnel heat stress monitoring was performed to prevent heat related illnesses during work in high ambient temperatures. Site workers' pulses, body temperatures, and blood pressures were taken before and after each break. Work-rest schedules were determined by the results of this monitoring in accordance with the LSSHP heat stress monitoring criteria.

Specific work/rest regimens were established at the start of every work day based on the specific work conditions for that day (temperatures, time of day, amount of sun or shade, etc.) Breaks were taken in shady areas as designated throughout the work shift. Personnel removed PPE and were given cool liquids to drink (e.g., juice, water). Visual observation by a designated safety official was used to identify individuals exhibiting symptoms of heat-related illness and to take the necessary actions.

4.4 EXPOSURE MONITORING

4.4.1 Methodology

Air monitoring was performed to determine the ambient levels of total suspended particulates generated during excavation and to determine total ambient lead exposure for site personnel and perimeter emissions. At the start of each work day, wind direction was used to determine the placement of sampling instruments on site.

Personnel and perimeter samples were taken to determine the levels of total lead in the air of the personal breathing zone and at the site perimeter. Lead samples were collected and analyzed using NIOSH Method 7300 and battery-operated air sampling pumps (Gilliam or equivalent) fitted with 37-millimeter (mm) mixed cellulose ester (MCE) filters (0.8-micron pore diameter).

4.4.2 Perimeter Sampling

Three perimeter samples were taken daily over the course of the work shift. One sample was taken upwind of site operations and two were taken downwind. Perimeter samples were taken above ground levels (approximately 4 to 5 feet in height) to characterize the breathing zone and to prevent contamination due to foot traffic. The pump flowrate was calibrated and set at approximately 20 liters

per minute for the duration of the task (about 8 hours.)

Samples were assigned identification numbers based on an established code. The analytical laboratory used was Environmetrics, 11401 Moog Drive, St. Louis, Missouri. Standard turnaround time for sample results was 24 to 48 hours by facsimile; original data was then returned by mail.

4.4.3 Personnel Sampling

Personnel air samples for lead were taken for a respective number of employees performing intrusive activities within the exclusion zone (one employee from each job category; at least two employees per day per site). The samples were taken in the person's breathing zone for the duration of the day's shift. Samples were collected at the end of the work day and sent to the analytical laboratory for analysis of total lead. A blank sample was included in shipment.

4.4.4 Medical Monitoring

Personnel blood lead levels were determined prior to and after the completion of work for this project.

5.0 *QUANTITY SUMMARY TABLE*

Quantities of material were tracked for each lot or site remediated. Table 5.1 presents a summary of these totals.

DACA45-50-D-0014 D.O. 0004
Project 19321

QUANTITY SUMMARIES

Site Address	Special cu yd	Sod sq yd	CA-6 ton	CA-7 ton	Topsoil cu yd	Backfill loads
1918 Benton	36.45	120	37.67	27.74	19.52	2
2230 Benton	82.13	300	18.24		76.29	7
2232 Benton	25.86	180	37.47	8.91	41.42	
1724/26 Chestnut	96.47	320	49.17		59.58	9
1746 Chestnut	50.41	285			52.81	2
1716 Cleveland	69.44	480		14.01	69.47	2
1733 Delmar	41.83	360		28.12	49.31	
1201/15 Grand	131.68	1260	113.15	15.57	176.35	53
1217/19 Grand	71.15	780			133.70	
1231 Grand	121.85	435		14.29	53.02	8
1414 Grand	79.89	360			64.20	7
1718-24 Grand	343.31		403.33	300.06		
1919/21 Grand	61.53	120	55.97	40.38	21.15	2
1923/25 Grand	72.86	120	14.95	15.86	18.29	2
1929/31 Grand	18.91	180	28.67	14.16	15.59	
2204 Grand	43.54	240		24.41	50.28	1
919 Iowa	92.36	540			94.65	9
1401 Iowa	273.61	4250	258.97	57.5	38.46	14
1405 Iowa	184.25	540			89.66	14
1415 Iowa	81.67	300	41.45	42.3	18.44	7
1417 Iowa	46.45	105	44.12	26.19	25.38	2
1423 Iowa	41.19	135	43.18	14.83	9.81	3
825 Madison	19.03	180			9.02	2
1230 Madison	44.49	300			55.38	
1603 Maple	70.86	600	266.44		63.78	5
1607 Maple	76.57	540		14.2	116.38	
1610 Maple	70.07	495	15.58	17.03	79.68	4
1614 Maple	42.21	300	25.87	24.29	49.40	
1617 Maple	108.18	240	109.43	14.38	63.97	

1628 Maple	63.91	120	51.65	55.14	11.43	2
1633 Maple	63.31	465	15.12		104.42	
1635 Maple	44.71	420	25.56	13.26	90.34	
1637 Maple	57.59	320	28.58		51.04	5
1643 Maple	23.08	240		28.34	42.48	
1651 Maple	36.06	180	29.33	11.59	18.33	
910 Niedringhaus	18.73			43.4		
910 1/2 Niedringhaus	45.15	120	13.64	28.83	37.86	
912 Niedringhaus	16.14	STONE	42.06	29.12		
929 Niedringhaus	155.23	60	275.24	138.42	9.27	
931 Niedringhaus	112.65	60	84.75	24.58	8.84	
935 Niedringhaus	151.37	60	201.19	86.09	23.59	
1632 Olive	107.97	360			86.96	8
1636 Olive	31.29	120		45.48	6.10	
1638 Olive	39.09	60	28.78	14.91	16.35	
1618 Spruce	128.13	587	84.79	16.18	93.96	5
1646 Spruce	107.43	300	27.76	69.49	48.74	8
1318/20 State	61.12	300	14.55	58.68	36.85	5
1344 State	145.48	360	54.04	42.5	76.79	6
1720 State	58.05	360	27.2		53.20	
1725 State	164.39	900		13.31	263.98	10
1808/10 State	21.35		14.41	39.74		
2005 14th	183.86	720	13.24	94.67	115.12	12
2007 14th	201.65	900	25.17	26.4	136.56	15
Total:	4535.99	21077.00	2620.72	1594.36	2947.22	231.00

6.0 VERIFICATION ANALYTICAL SUMMARY TABLE

6.1 Stack Emission Sites

Stack emission sites were not sampled for verification. This was due to the fact that a predetermined depth for excavation was given to OHM by USACE for each stack emission site.

Stack emission sites are sampled for pre-characterization analysis. Depth's from Woodward/Clyde Sampling are being reviewed by the USEPA and may result in re-sampling.

7.0 PHOTO REPRESENTATION

Photographs and videocassettes documented all sites in all phases of the Granite City project. Each property was documented with before, during, and after photographs and videos. The following sections are representative of the various types of work performed during Phases 1, 2, and 3. Not all properties - only selected representative samples - are presented in this final report, in order to minimize the volume of paper.

1231 Grand (Page 7-2)

- Top picture - Lot before excavation
- Middle picture - Lot during excavation
- Bottom picture - Lot after restoration/sod

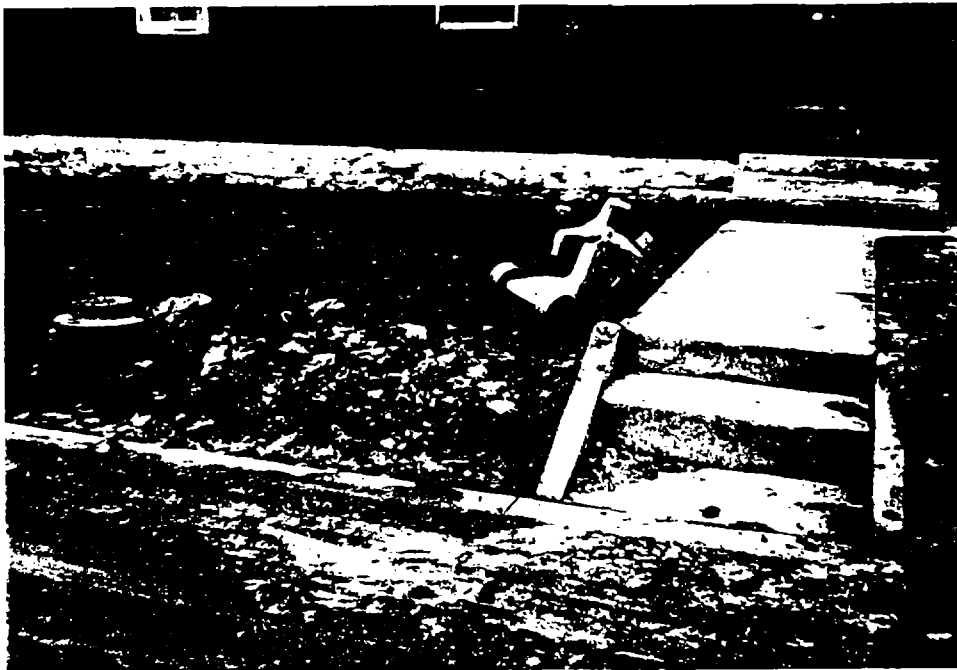
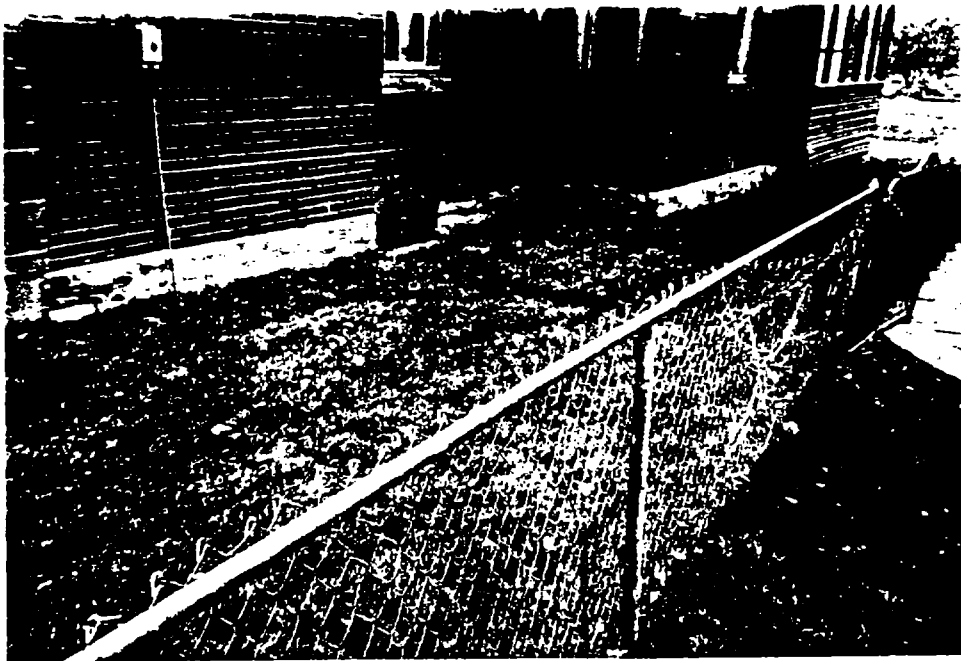
935 Niedringhaus (Page 7-3)

- Top picture - Lot before excavation
- Middle picture - Lot during excavation
- Bottom picture - Lot after restoration/sod

1725 State (Page 7-4)

- Top picture - Lot before excavation
- Middle picture - Lot during excavation
- Bottom picture - Lot after excavation/finished to grade



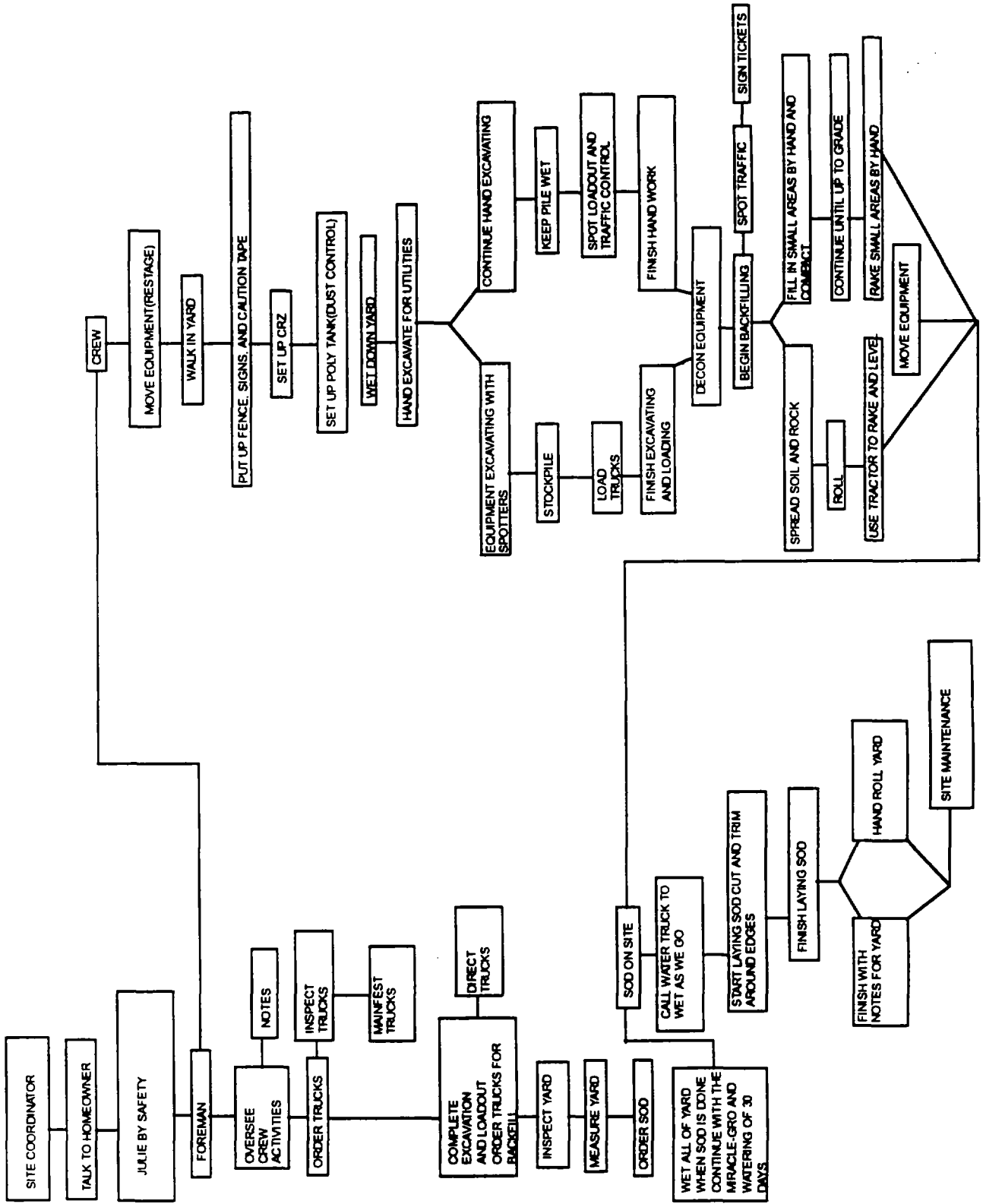




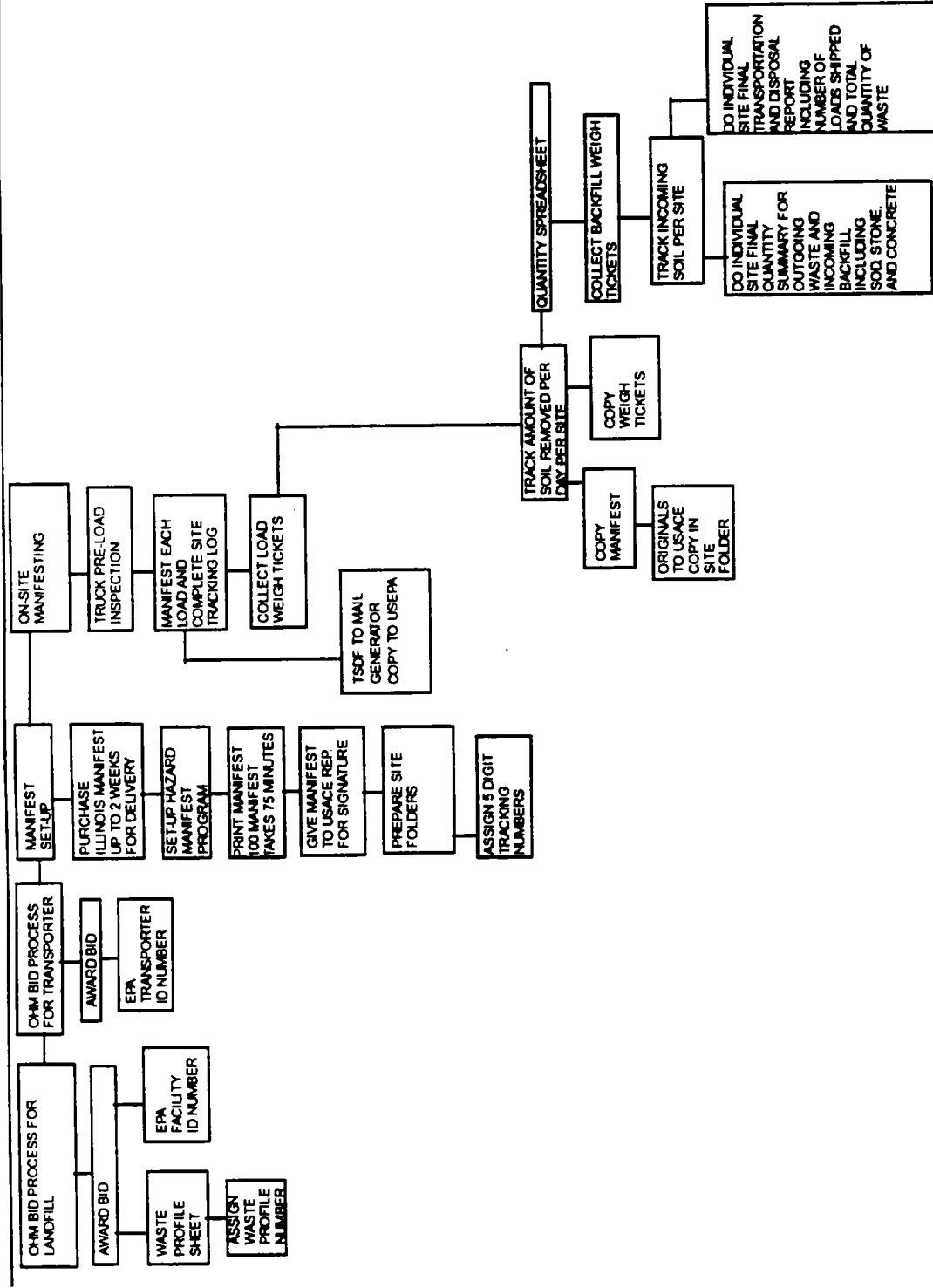
APPENDIX A

FLOW CHARTS

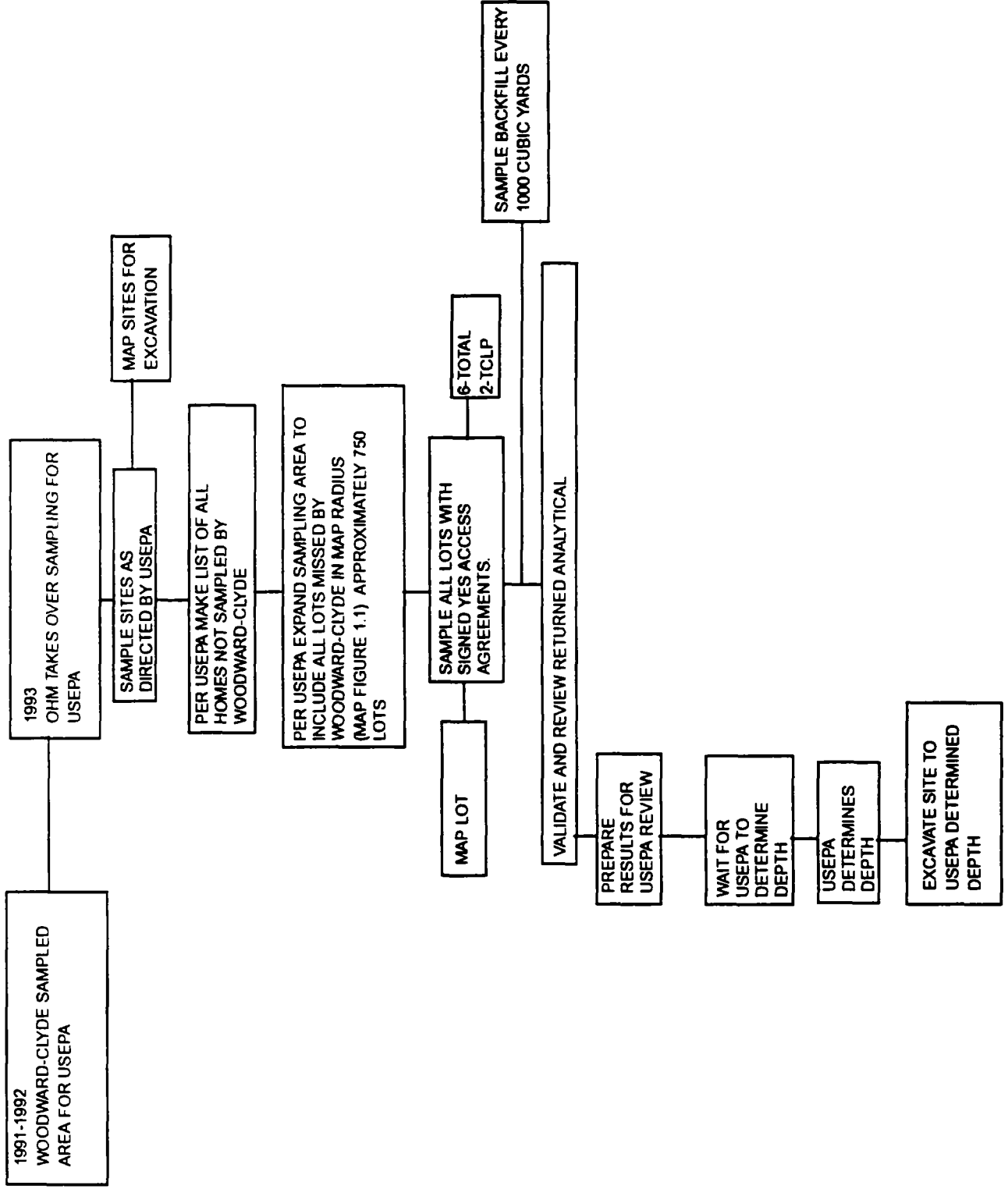
OPERATIONS FLOW CHART



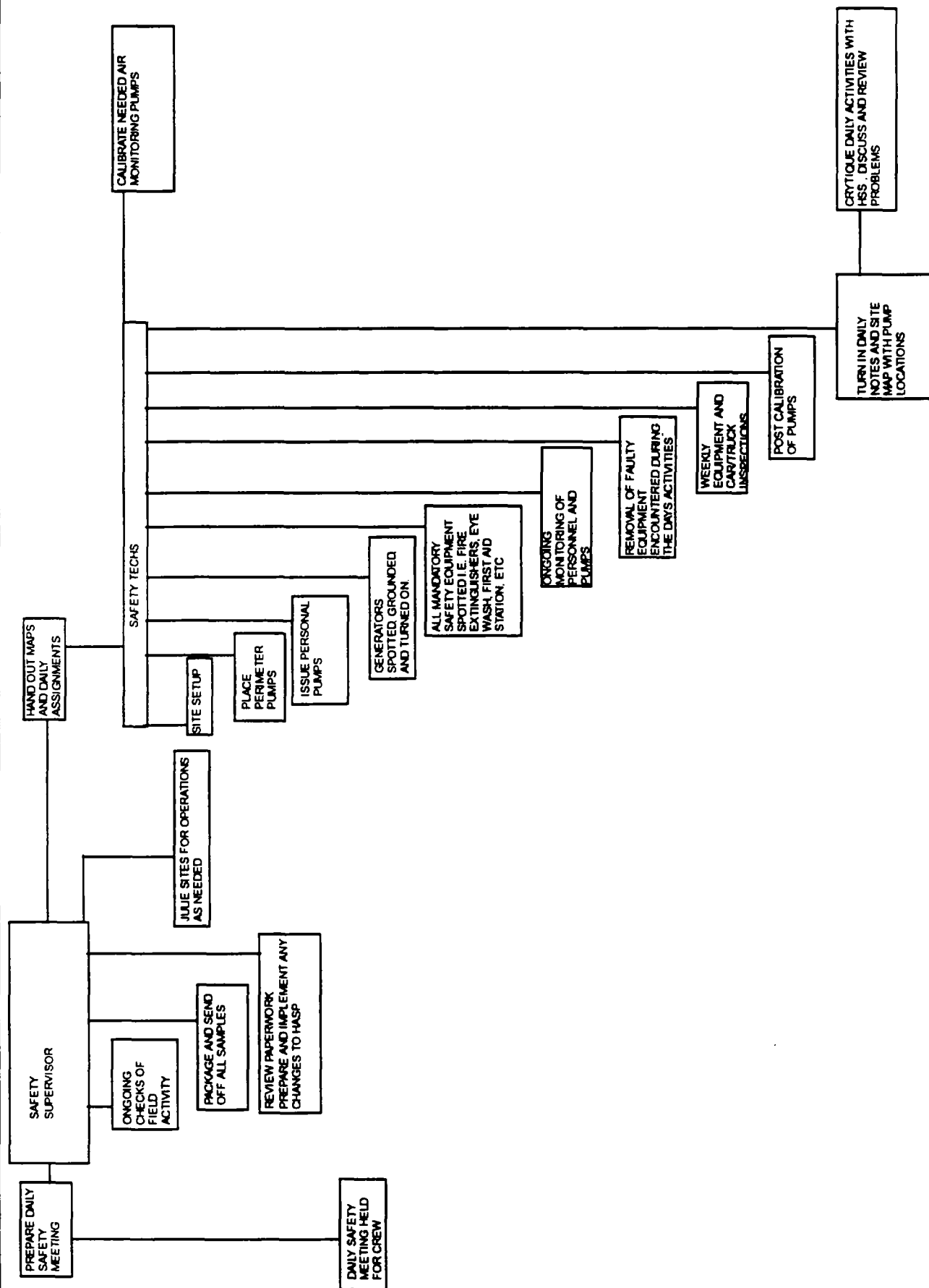
TECHNICAL EFFORT FOR TRANSPORTATION AND DISPOSAL



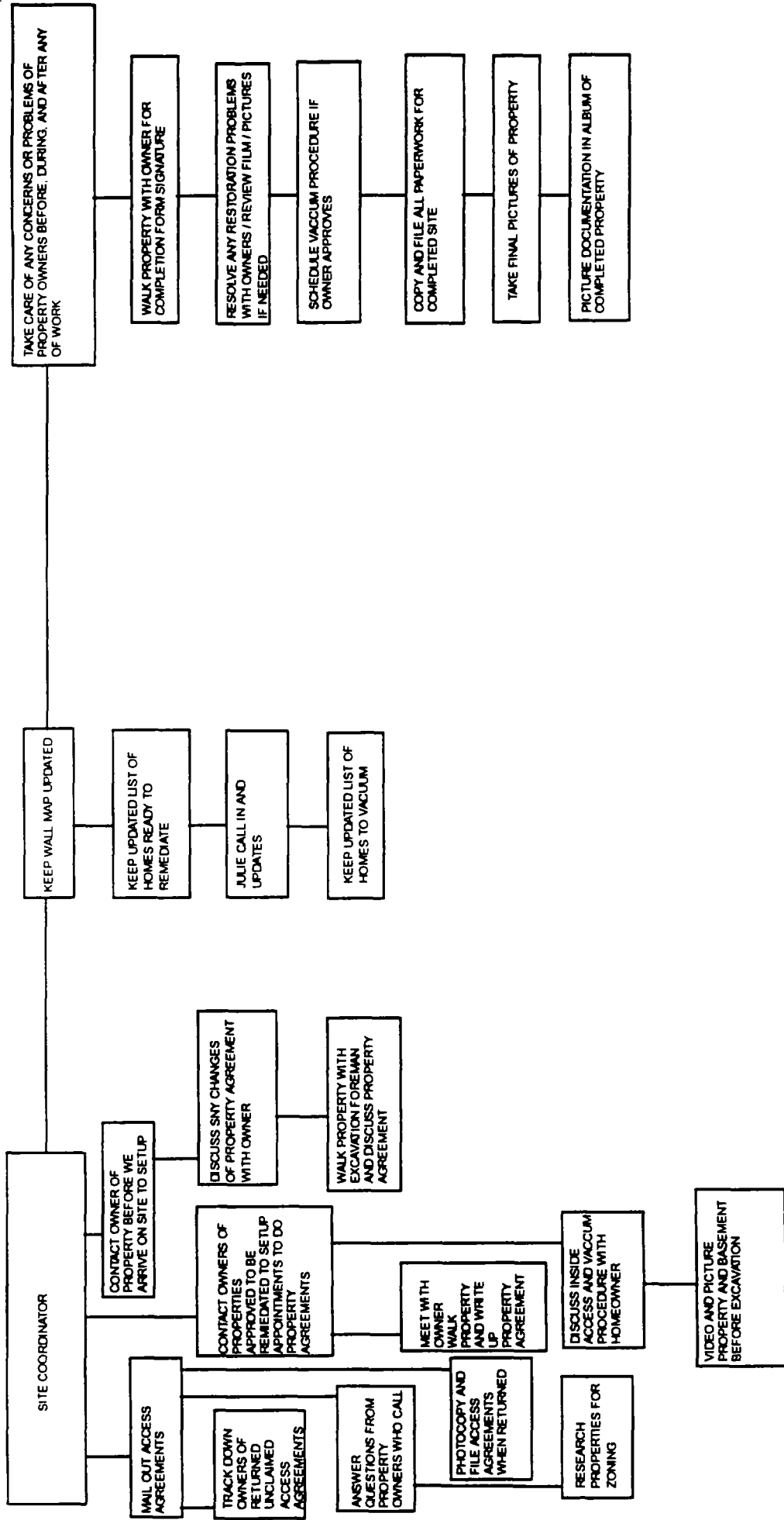
TECHNICAL EFFORT FOR : MPLING



SAFETY FLOW CHART



SITE COORDINATOR LOW CHART



APPENDIX B

REMIDIAL LOCATION WORK DESCRIPTION

APPENDIX B - REMEDIAL LOCATION WORK DESCRIPTIONS

1918 Benton	910 ½ Niedringhaus
2230 Benton	912 Niedringhaus
2232 Benton	929 Niedringhaus
1724/26 Chestnut	931 Niedringhaus
1746 Chestnut	935 Niedringhaus
1716 Cleveland	1632 Olive
1733 Delmar	1636 Olive
1201/15 Grand	1638 Olive
1217/19 Grand	1618 Spruce
1231 Grand	1646 Spruce
1414 Grand	1318/20 State
1718-24 Grand	1344 State
1919/21 Grand	1720 State
1923/25 Grand	1725 State
1929/31 Grand	1808/10 State
2204 Grand	2005 14 th
919 Iowa	2007 14 th
1401 Iowa	
1405 Iowa	
1415 Iowa	
1417 Iowa	
1423 Iowa	
825 Madison	
1230 Madison	
1603 Maple	
1607 Maple	
1610 Maple	
1614 Maple	
1617 Maple	
1628 Maple	
1633 Maple	
1635 Maple	
1637 Maple	
1643 Maple	
1651 Maple	
910 Niedringhaus	

1918 Benton

Action Date: 03-03-97

Loadout: 03-04-97

Restoration Begins: 03-05-97

Restoration Completed: 03-11-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 47.39 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*Kotuata

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1918 Benton

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
47.39	2	25.38	120	37.67	27.74			

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back			
	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

1918 Benton

692

1110

	3 - 6" Front and Back			
	B	B	B	B
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

533

987

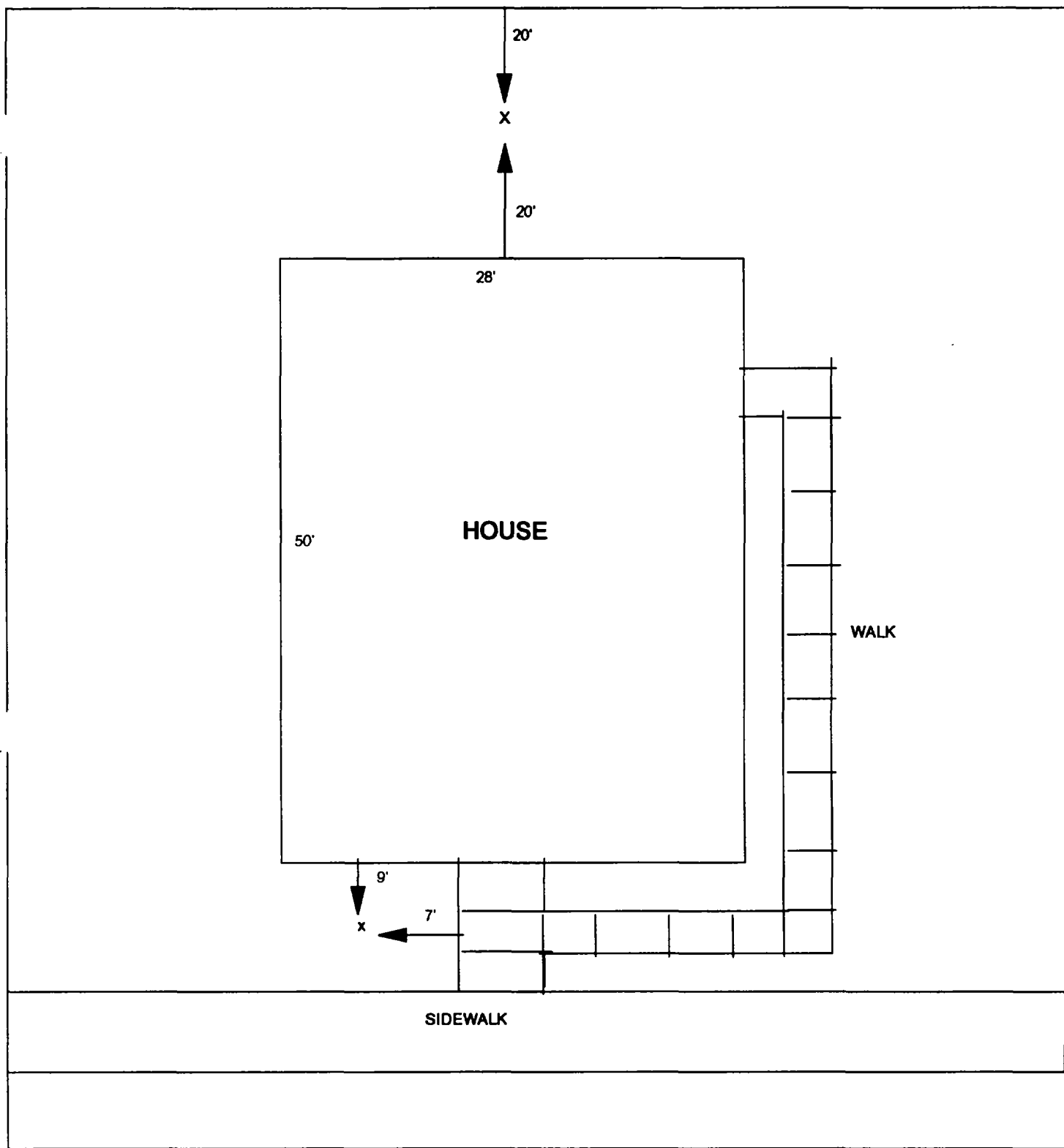
	6 - 12" Front and Back			
	C	C	C	C
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

187

382

Depth
Excav.
(inch)

6



X = SAMPLE POINT

1918 BENTON

TOTAL
DEMINSIONS

108'X60'

OHM 
Corporation
Findley, Ohio

Drawn By: JG	Checked By:
Date: 6/5/97	Approved By:
Scale: NTS	Drawing No:

2230 Benton

Action Date: 12-10-06

Loadout: 12-11-96

Restoration Begins: 12-14-96

Restoration Completed: 12-16-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USEPA.

*An excavation depth of 12 inches was established by USEPA prior to work commencing.

*The excavation of special waste yielded a total of 82.13 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

- *TL-26 Takeuchi
- *17-KW Generator
- *Bobcat X331

*Subcontractors:

- *WMI - landfill
- *Prochnow - Sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL

QUANTITY SUMMARY FOR 2230 BENTON

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	SOD OR SEED	CONCRETE	OTHER
82.13	7	76.29	18.24			300		

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth	Depth
Excav.	Excav.
(inch)	(inch)

2230 Benton

1640 745

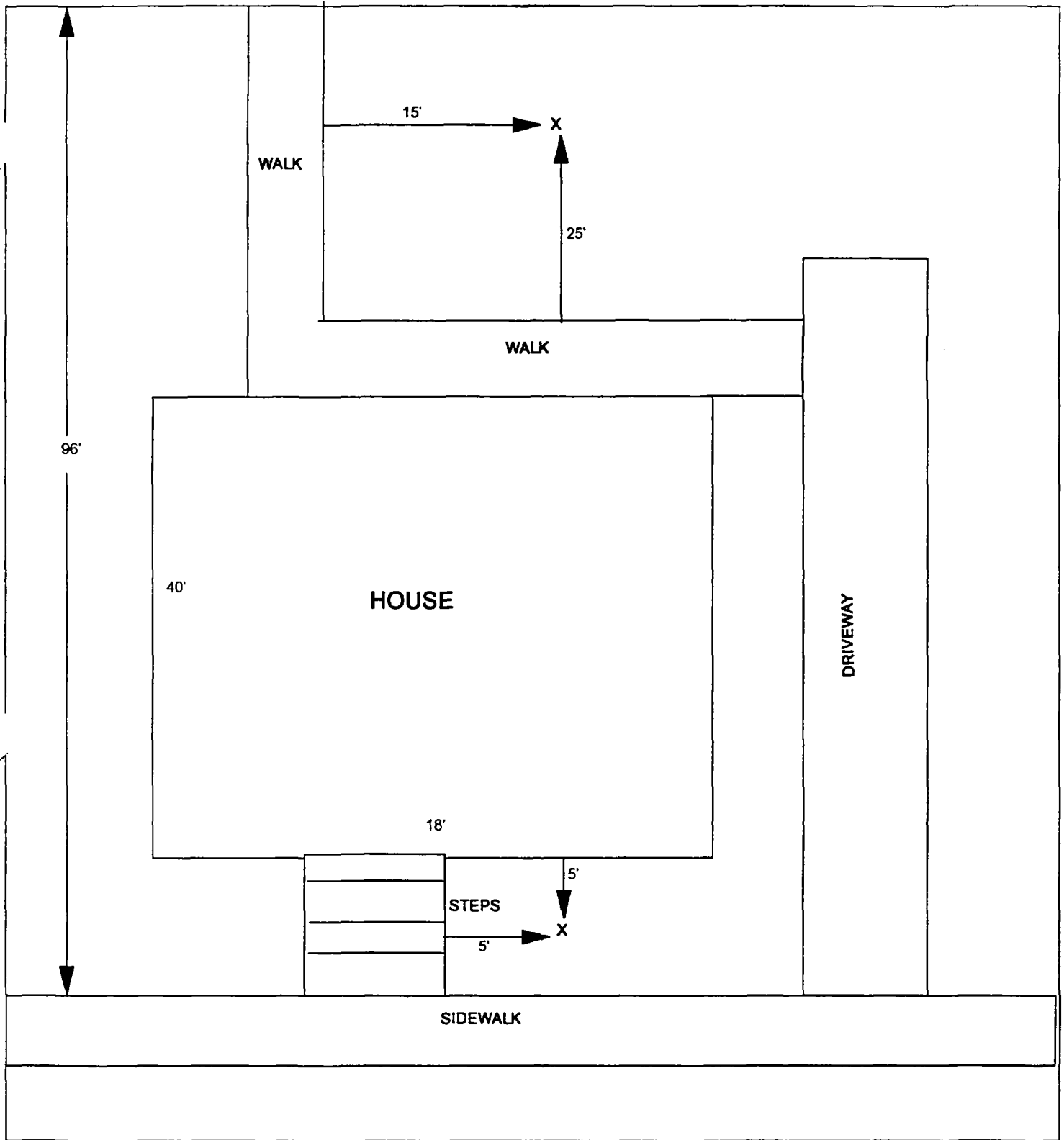
461

811

37

581

12



X = SAMPLE POINT

2230 BENTON

TOTAL
DEMINSIONS

96'X67'

OHM 
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/29/97	Approved By:
Scale: NTS	Drawing No:

2232 Benton

Action Date: 12-10-96

Loadout: 12-11-96

Restoration Begins: 12-13-96

Restoration Completed: 12-14-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 25.86 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

2232 Benton

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
25.86		53.85	180	37.48	8.91			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth Excav. (inch)

2232 Benton

614

806

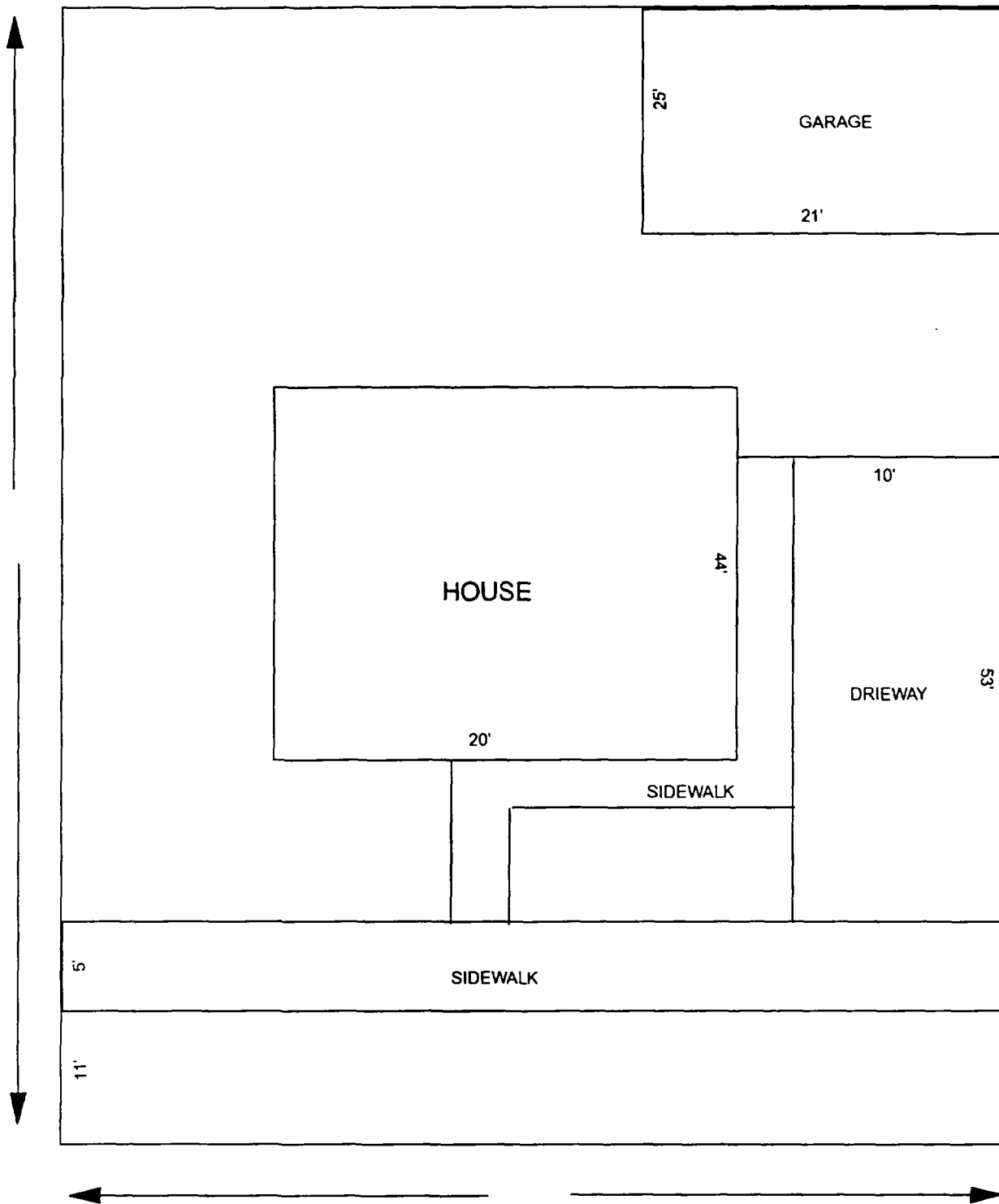
57

391


29

153

3



2232 BENTON

	 OHM Corporation Findlay, Ohio	
	Drawn By: MTB	Checked By:
	Date: 5/2/96	Approved By:
	Scale: NTS	Drawing No:

1724/26 Chestnut

Action Date: 12-05-96

Loadout: 12-07-96

Restoration Begins: 12-07-96

Restoration Completed: 12-11-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 96.47 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1724/26 Chestnut

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
96.47	9	77.45	320	49.17				

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth	Depth
Excav.	Excav.
(inch)	(inch)

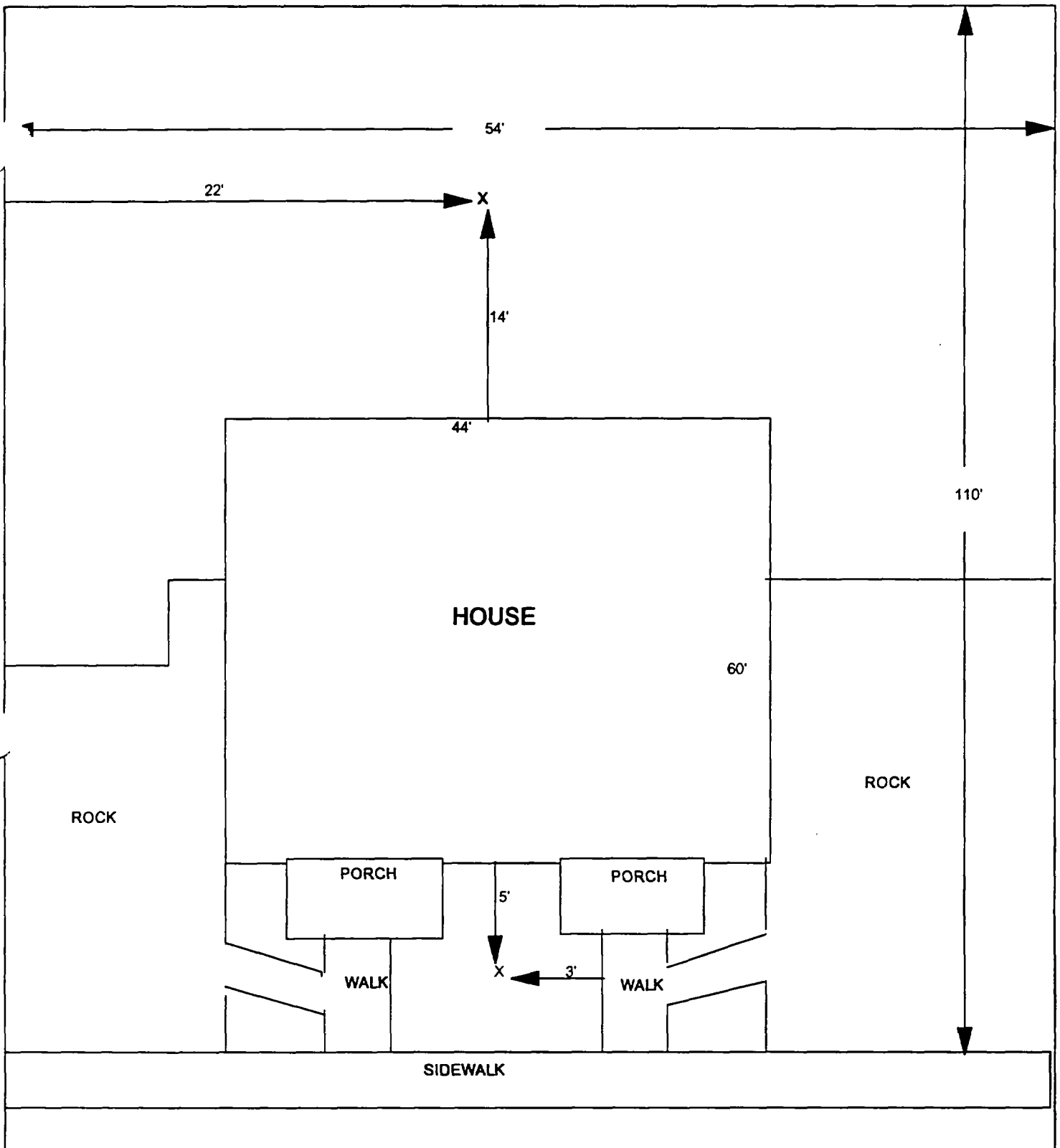
1724/26 Chestnut

578 606
524 1420

152 529 13
201 1070
73 70

309 497 342
81 726
50 1400

12



X = SAMPLE POINT

1724/26 CHESTNUT

TOTAL
DEMINSIONS

110'X54'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No:

1746 Chestnut

Action Date: 12-02-96

Loadout: 12-03-96

Restoration Begins: 12-03-96

Restoration Completed: 12-10-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 50.41 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1746 Chestnut

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
50.41	2	68.65	285					

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

1746 Chestnut 517 684

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

585 811

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

446 350

Depth Excav. (inch)

6

1716 Cleveland

Action Date: 11-13-96

Loadout: 11-16-96

Restoration Begins: 11-16-96

Restoration Completed: 12-14-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 69.44 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1716 Cleveland

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
69.44	2	90.31	480		14.01			

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back			
	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth Excav. (inch)

1716 Cleveland

1400

590

450

720

270

480

6

1733 Delmar

Action Date: 11-18-96

Loadout: 11-19-96

Restoration Begins: 11-20-96

Restoration Completed: 11-21-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 41.83 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1733 Delmar

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
41.83		64.1	360		28.12			

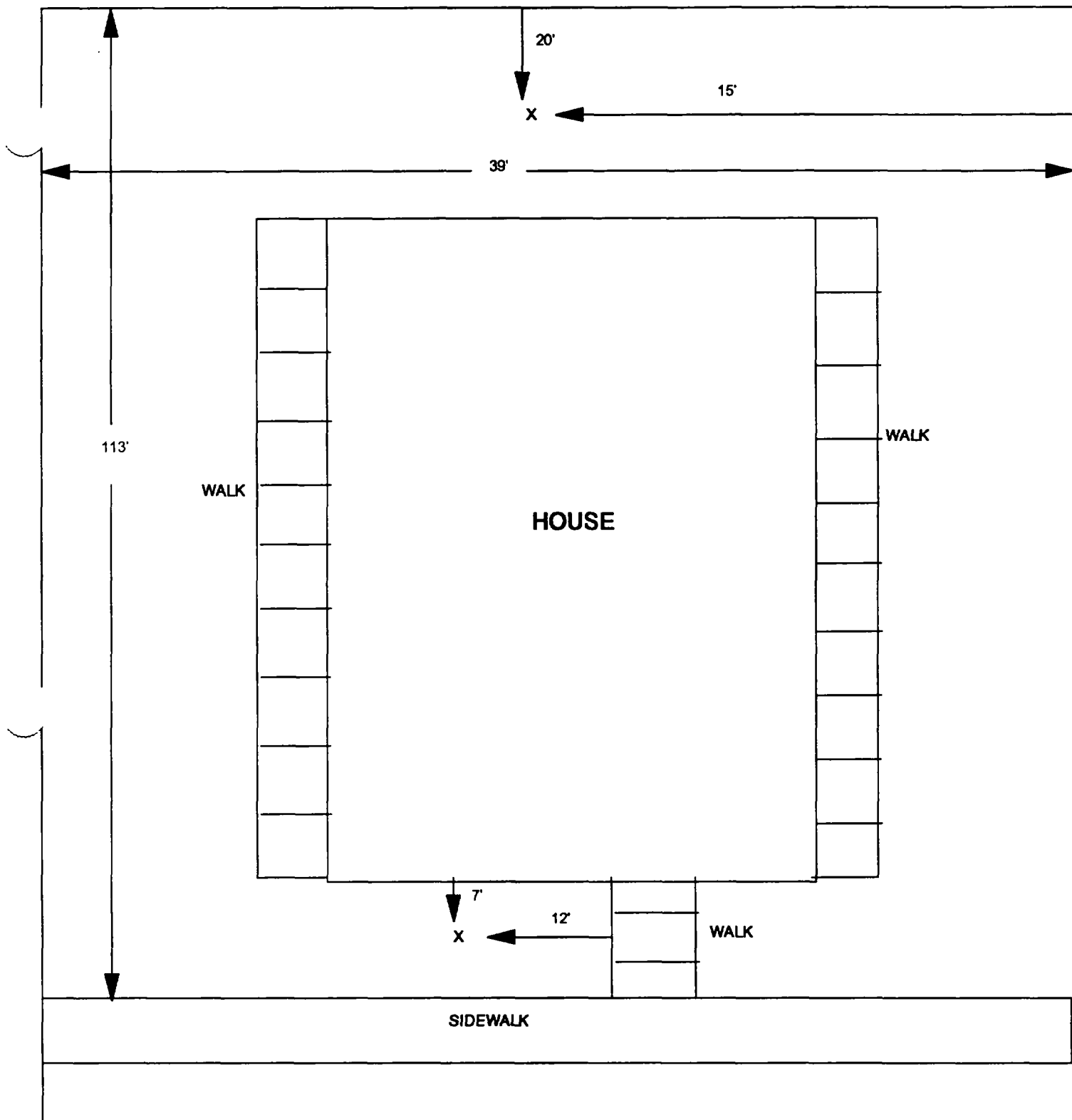
**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
Street/Number Address	A		A	
	PPM	No.	PPM	No.
	No.		No.	
1733 Delmar	830	320	510	
	460	510		

3 - 6" Front and Back				
B	B		B	
	PPM	No.	PPM	No.
	No.		No.	
	480	52		
	200	250		

6 - 12" Front and Back				
C	C		C	
	PPM	No.	PPM	No.
	No.		No.	
	170	360		
	22	100		

Depth Excav. (inch)		
	3	



X = SAMPLE POINT

1733/35 DELMAR

TOTAL
DEMINSIONS

113'X39'

OHM 
Corporation
Findley, Ohio

Drawn By: JG

Checked By:

Date: 5/30/97

Approved By:

Scale: NTS

Drawing No:

1201/15 Grand

Action Date: 01-28-97

Loadout: 02-03-97

Restoration Begins: 02-03-97

Restoration Completed: 02-12-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 131.68 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1201/15 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
131.68	53	229.25	1260	113.15	15.57			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

1201/15 Grand 710 509

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

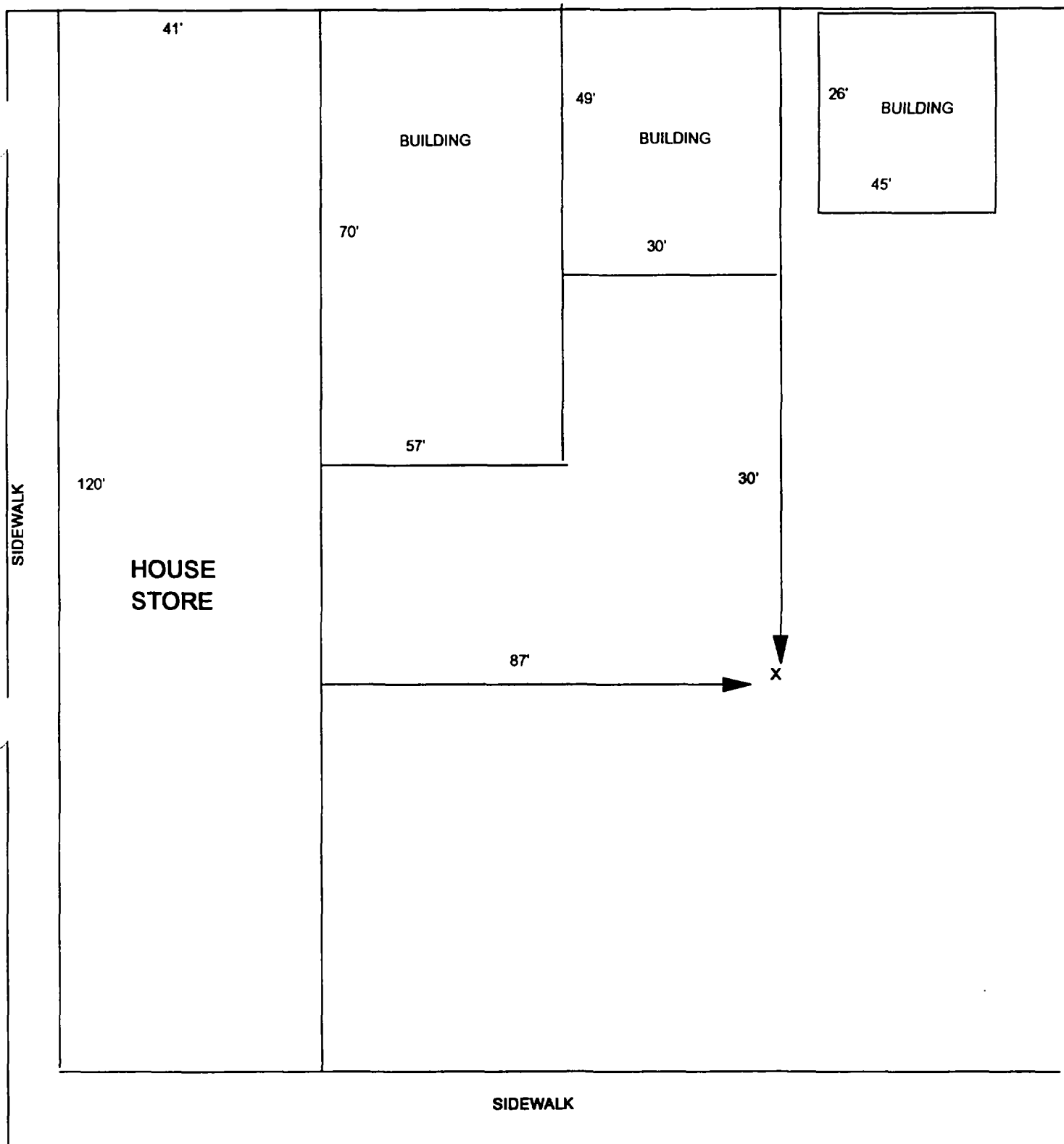
300 368

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

168 276

Depth
Excav.
(inch)

3



X = SAMPLE POINT

1201/15 GRAND

TOTAL
DEMINSIONS

120'X174'

OHM
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No:

1217/19 Grand

Action Date: 02-17-97

Loadout: 02-19-97

Restoration Begins: 02-25-97

Restoration Completed: 03-06-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 71.15 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

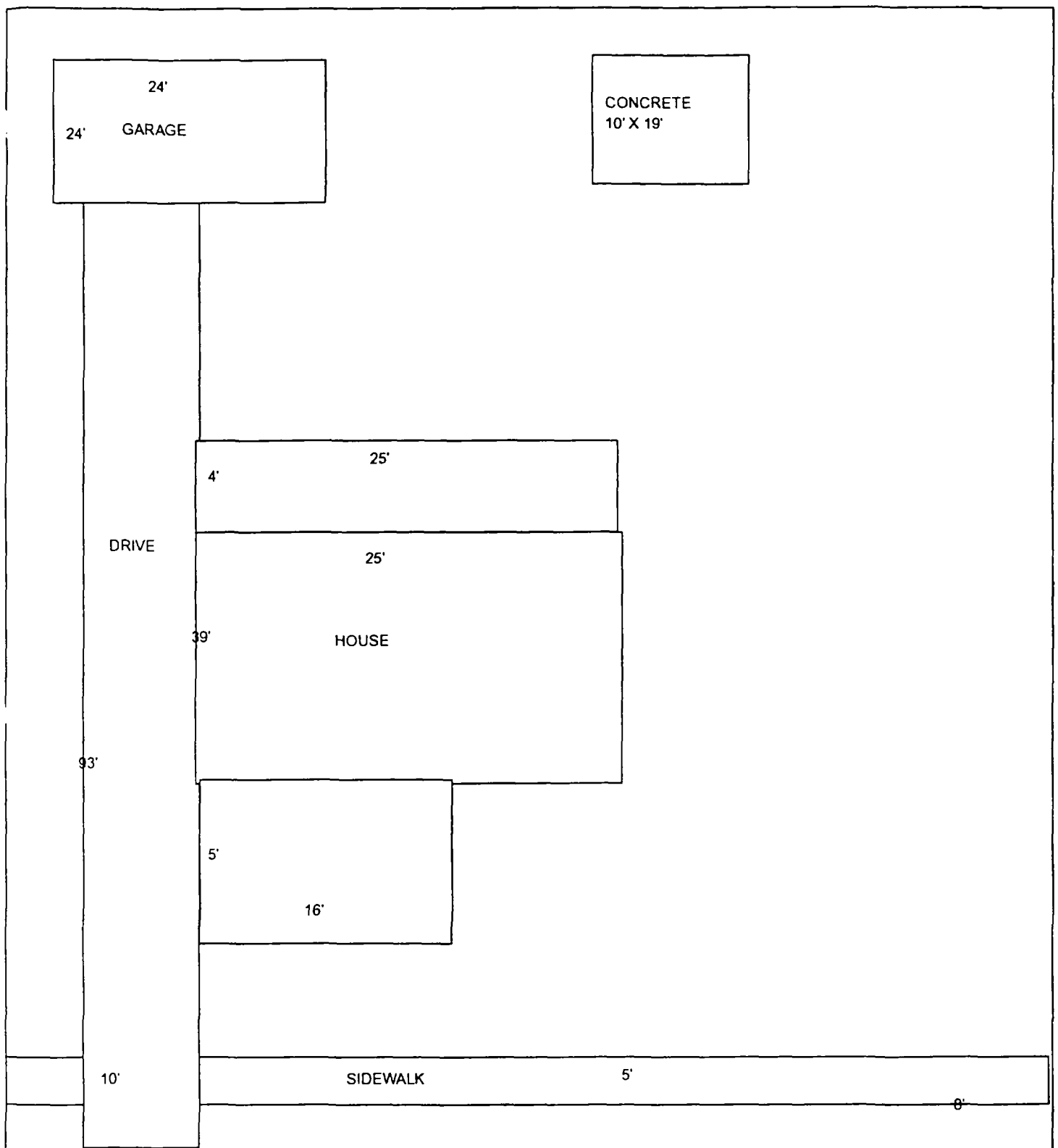
-landfill

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1217/19 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
71.15		173.81	780					



1217/19 GRAND

TOTAL DIMENSIONS:

90' X 121'

		OHM Corporation Findlay, Ohio	
		Drawn By: AS	Checked By:
		Date: 7/24/96	Approved By:
		Scale: NTS	Drawing No:

1231 Grand

Action Date: 11-12-96

Loadout: 11-15-96

Restoration Begins: 11-15-96

Restoration Completed: 12-17-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 121.85 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1231 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
121.85	8	68.93	435		14.29			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

1231 Grand

803

454

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

495

465

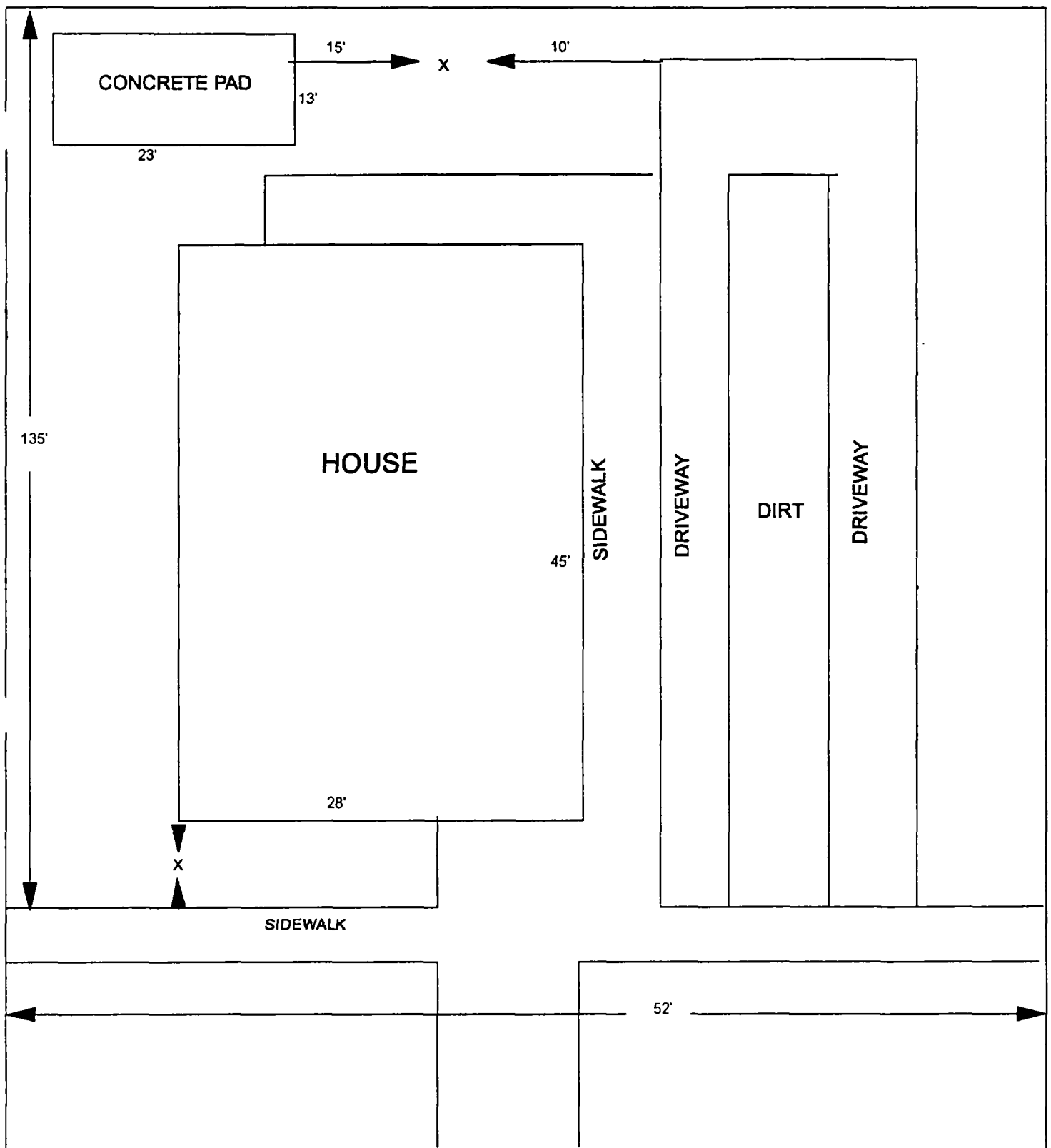
6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

599

180

Depth
Excav.
(inch)

12



X = SAMPLE POINT

1231 GRAND

TOTAL
DIMENSIONS

135'X52'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
9/30/96

Approved By:

Scale: NTS

Drawing No:

1414 Grand

Action Date: 12-09-96

Loadout: 12-09-96

Restoration Begins: 12-14-96

Restoration Completed: 12-16-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 79.89 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

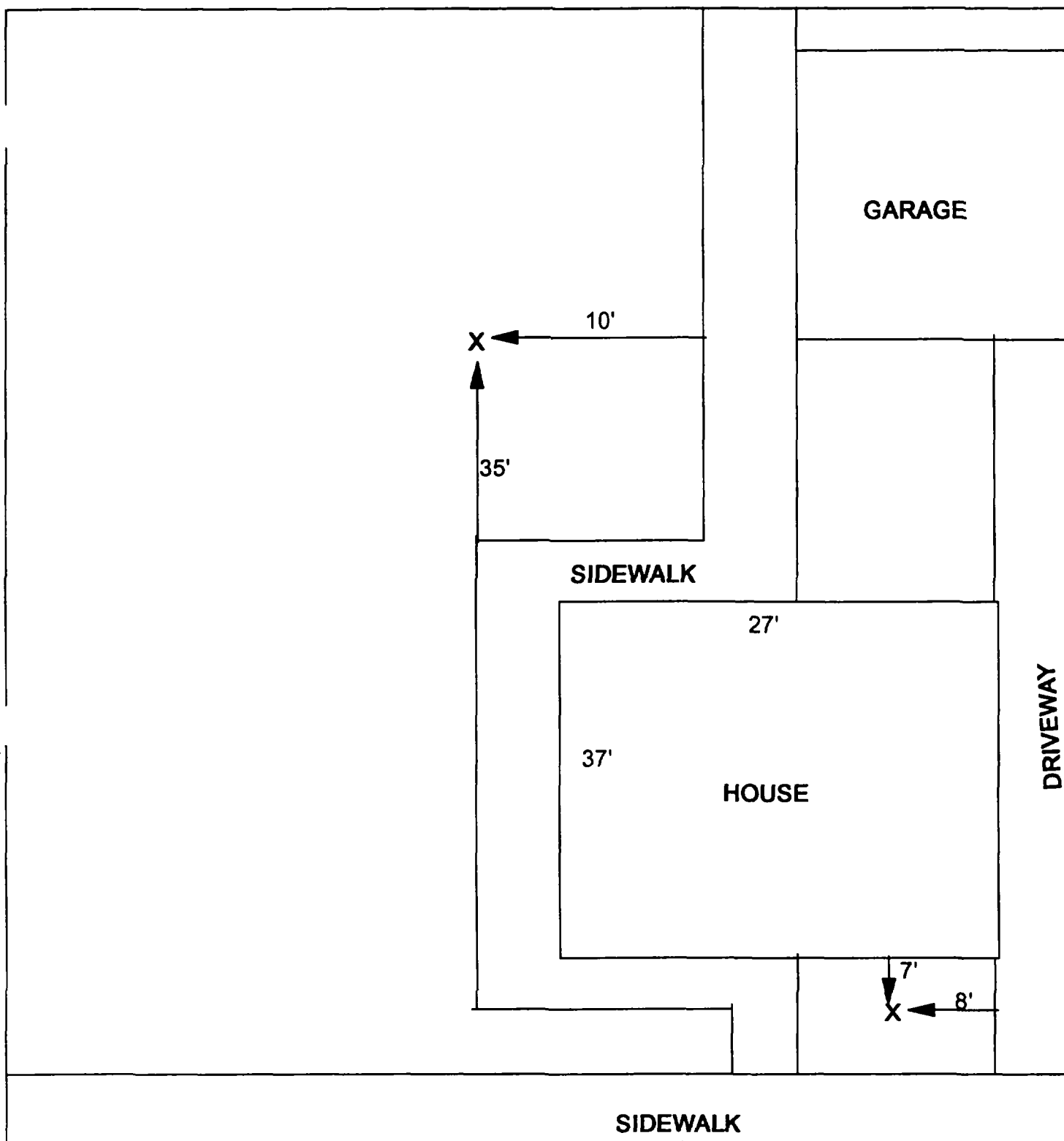
QUANTITY SUMMARY FOR

1414 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
79.89	7	83.46	360					

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				3 - 6" Front and Back				6 - 12" Front and Back				Depth	
		A	A	A	B	B	B	C	C	C	C	Excav.	(inch)
Street/Number		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM		
Address		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.		
1414 Grand		1550	929		1120	626		704	270				12



X = SAMPLE POINT

1414 GRAND
TOTAL
DEMINSIONS
123'X45'

OHM
Corporation
Findlay, Ohio

Drawn By: DDL	Checked By:
Date: 8/12/96	Approved By:
Scale: NTS	Drawing No

1718/20/22/24 Grand

Action Date: 01-07-97

Loadout: 01-24-97

Restoration Begins: 02-03-97

Restoration Completed: 02-11-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 343.31 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*Subcontractors:

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1718/20 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
343.31				403.33	300.06			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

1718/24 Grand 801 709

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

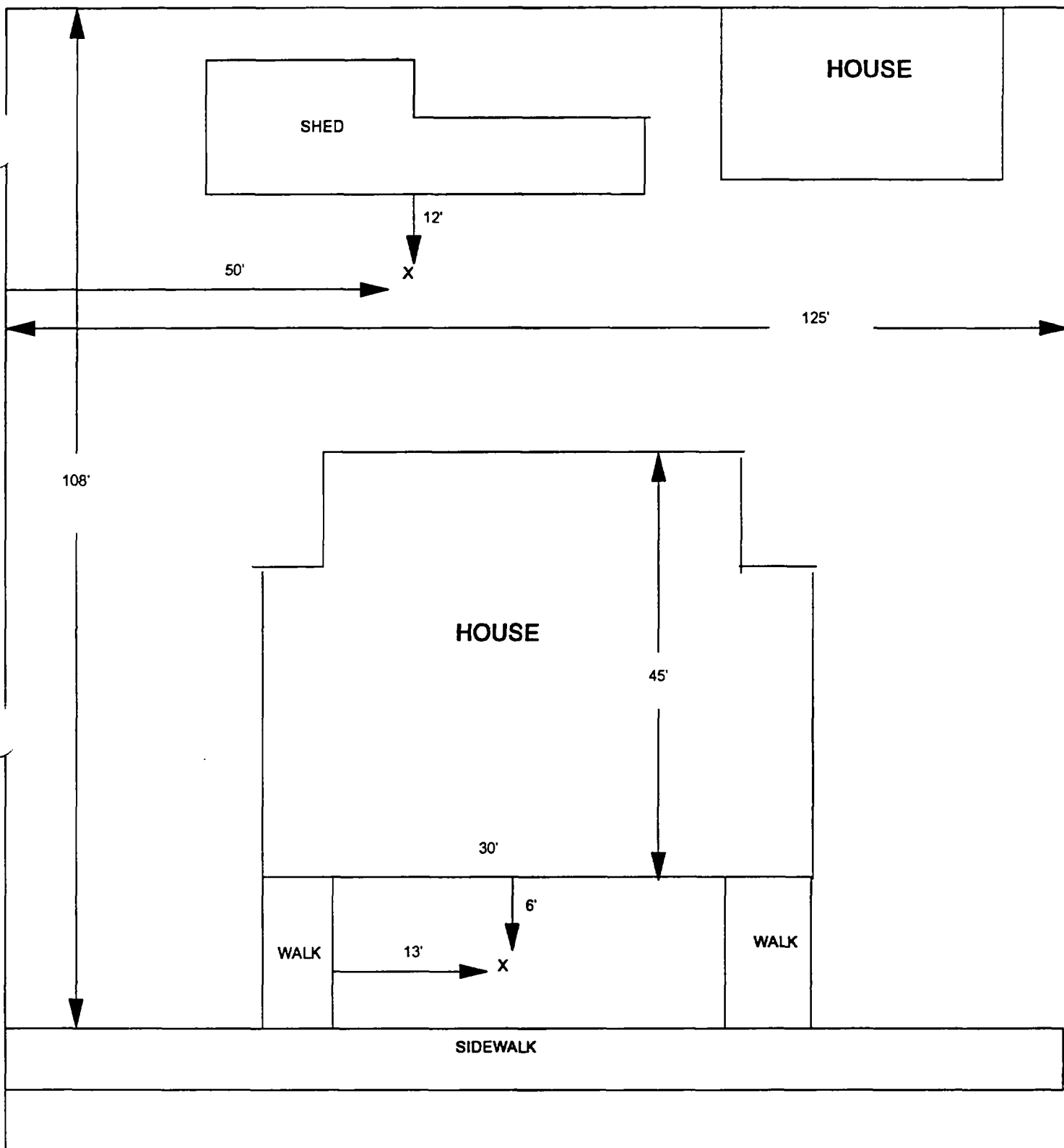
841 736

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

334 563

Depth
Excav.
(inch)

12



X = SAMPLE POINT

1718/20 GRAND

TOTAL
DIMENSIONS

125'X108'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No:

1919/21 Grand

Action Date: 02-03-97

Loadout: 02-07-97

Restoration Begins: 02-08-97

Restoration Completed: 02-11-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 61.53 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1919/21 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
61.53	2	27.5	120	55.97	40.38			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

Depth Excav. (inch)

1919/21 Grand

1240 726

872 738

485 342

6

1923/25 Grand

Action Date: 02-11-97

Loadout: 02-13-97

Restoration Begins: 02-13-97

Restoration Completed: 02-15-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 72.86 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*Kobata

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1923/25 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
72.86	2	23.78	120	14.95	15.86			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

1923/25 Grand 1250 759

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

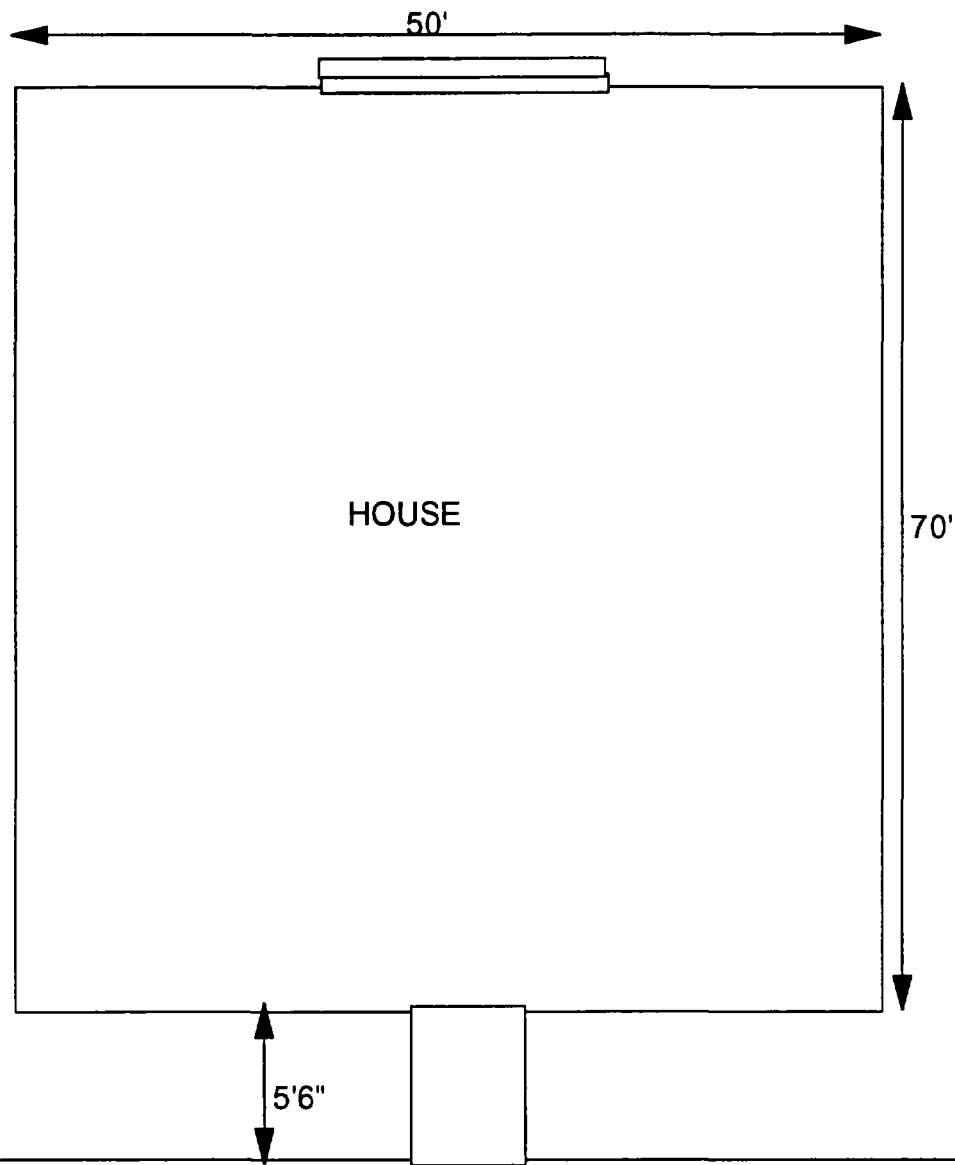
1330 446

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

797 214

Depth
Excav.
(inch)

12



HOUSE

SIDEWALK

1923/25 GRAND

OHM
Corporation
Findlay, Ohio

Drawn By: DDL	Checked By:
Date: 8/12/96	Approved By:
Scale: NTS	Drawing No

1929/31 Grand

Action Date: 02-13-97

Loadout: 02-13-97

Restoration Begins: 02-14-97

Restoration Completed: 02-17-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 18.91 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*Kobata

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1929/31 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
18.91		20.27	180	28.67	14.16			

**Sampling Analysis
Project #19321**

	0 - 3" Front and Back			
	A	A	A	A
Street/Number	PPM	PPM	PPM	PPM
Address	No.	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth
Excav.
(inch)

1929/31 Grand 655 464 509 583 465 324 194 236 284 6

2204 Grand

Action Date: 12-31-96

Loadout: 01-02-97

Restoration Begins: 01-02-97

Restoration Completed: 01-03-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 43.54 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

2204 Grand

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
43.54	1	65.36	240		24.41			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.
	773	501	
2204 Grand	388	423	
	549	548	1790
	661	429	

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.
	465	478	
	502	351	
	460	505	483
	530	385	

6 - 12" Front and Back					
C	C	C	C	C	C
	PPM	PPM	PPM	PPM	PPM
	No.	No.	No.	No.	No.
	110	276			
	386	140			
	236	230			306
	426	233			

Depth Excav. (inch)
6

919 Iowa

Action Date: 12-10-96

Loadout: 12-11-96

Restoration Begins: 12-11-96

Restoration Completed: 12-16-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 92.36 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Brockmier

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

919 Iowa

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
92.36	9	123.05	540					

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back			
	A		A	
	PPM	No.	PPM	No.
919 Iowa	523	607	787	
	289	2030	724	

3 - 6" Front and Back			
B		B	
PPM	No.	PPM	No.
557	546		
229	917		

6 - 12" Front and Back			
C		C	
PPM	No.	PPM	No.
141	733		
288	494		

Depth Excav. (inch)
12

1401 Iowa

Action Date: 02-06-97

Loadout: 02-06-97

Restoration Begins: 02-12-97

Restoration Completed: 02-14-97

**Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.*

**An excavation depth of 12 inches was established by USACE prior to work commencing.*

**The excavation of special waste yielded a total of 273.61 cubic yards, which was shipped to WMI-Milam for disposal.*

**Equipment utilized during excavation:*

**TL-26*

**17-KW*

**X331*

**Subcontractors:*

**WMI*

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

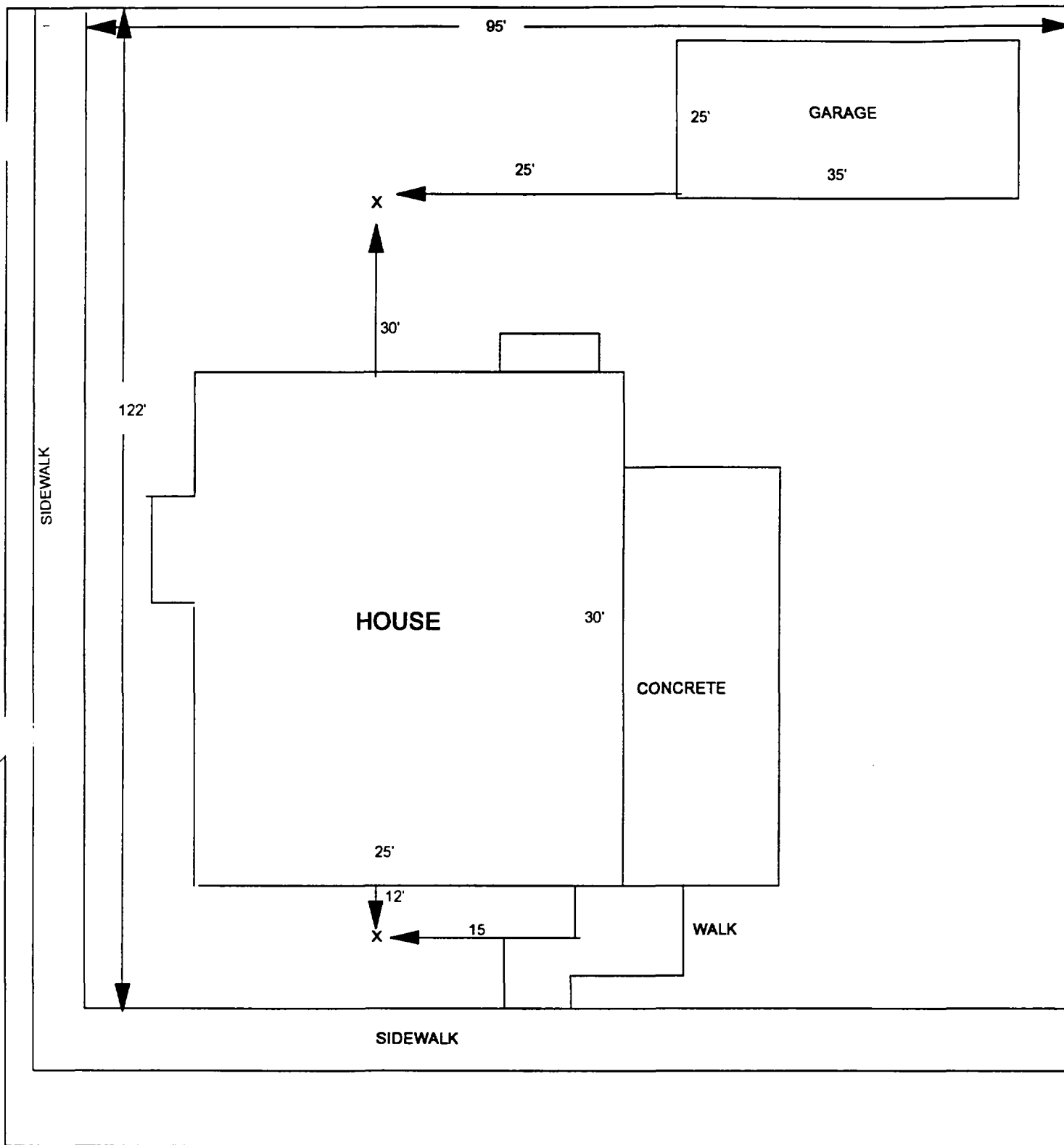
QUANTITY SUMMARY FOR

1401 Iowa

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
273.61	14	50	420	258.97	57.5			

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back				3 - 6" Front and Back				6 - 12" Front and Back				Depth Excav. (inch)		
	A		A		B		B		C		C				
	PPM	No.	PPM	No.	PPM	No.	PPM	No.	PPM	No.	PPM	No.			
1401 Iowa	617		553		572	350			554	465			12		



X = SAMPLE POINT

1401 IOWA

TOTAL
DEMINSIONS

122'X95'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/30/97

Approved By:

Scale: NTS

Drawing No:

1405 Iowa

Action Date: 01-29-97

Loadout: 02-01-97

Restoration Begins: 02-01-97

Restoration Completed: 02-19-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 184.25 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Petago

-sod

*C. Grantham

-

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1405 Iowa

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
184.25	14	116.56	540					

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back			
	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

1405 Iowa

596 508
587 743

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

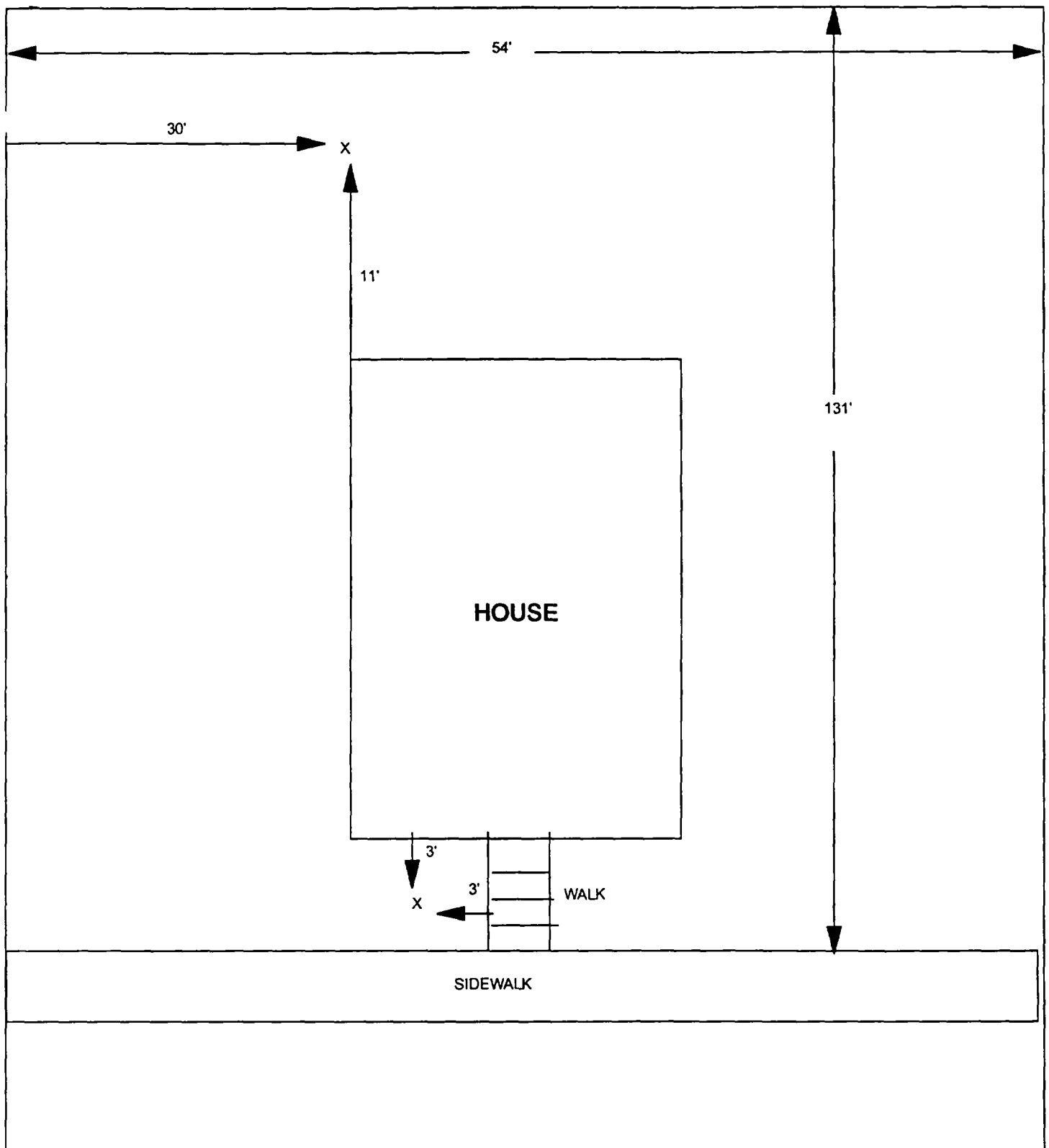
610 459
496 718

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

7410 233
552 488

Depth Excav. (inch)

12



X = SAMPLE POINT

1405 IOWA

TOTAL
DEMINSIONS
131'X54'

OHM
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 11/18/96	Approved By:
Scale: NTS	Drawing No:

1415 Iowa

Action Date: 02-15-97

Loadout: 02-18-97

Restoration Begins: 02-18-97

Restoration Completed: 02-19-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 81.67 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1415 Iowa

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
81.67	7	23.97	300	41.45	42.3			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth Excav. (inch)

1415 Iowa

516

275

607

269

548

307

12

1417 Iowa

Action Date: 02-24-97

Loadout: 02-25-97

Restoration Begins: 02-25-97

Restoration Completed: 03-03-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 46.45 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Petago

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1417 Iowa

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
46.45	2	32.99	105	44.12	26.19			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

3 - 6" Front and Back		
B	B	B
	PPM	PPM
	No.	No.

6 - 12" Front and Back		
C	C	C
	PPM	PPM
	No.	No.

Depth Excav. (inch)

1417 Iowa

1860

236

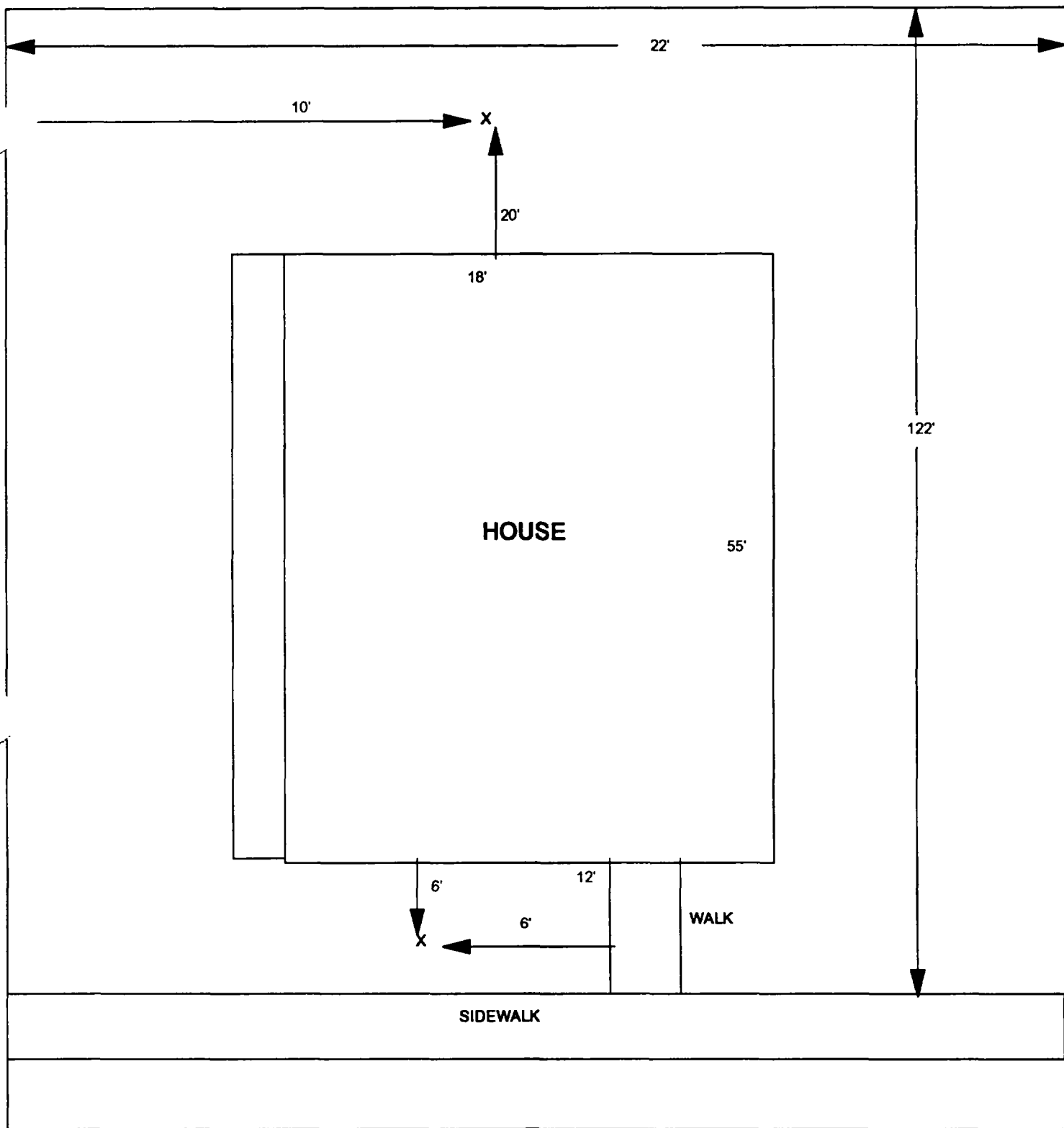
1710

565

947

871

12



X = SAMPLE POINT

1417 IOWA

TOTAL
DEMINSIONS

122'X22'

OHM 
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/30/97

Approved By:

Scale: NTS

Drawing No:

1423 Iowa

Action Date: 03-04-97

Loadout: 03-06-97

Restoration Begins: 03-07-97

Restoration Completed: 03-08-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 41.19 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Petago

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1423 Iowa

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
41.19	3	12.75	135	43.18	14.83			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
A	A	A	A	A
Street/Number	PPM	PPM	PPM	PPM
Address	No.	No.	No.	No.

1423 Iowa

824

687

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

816

824

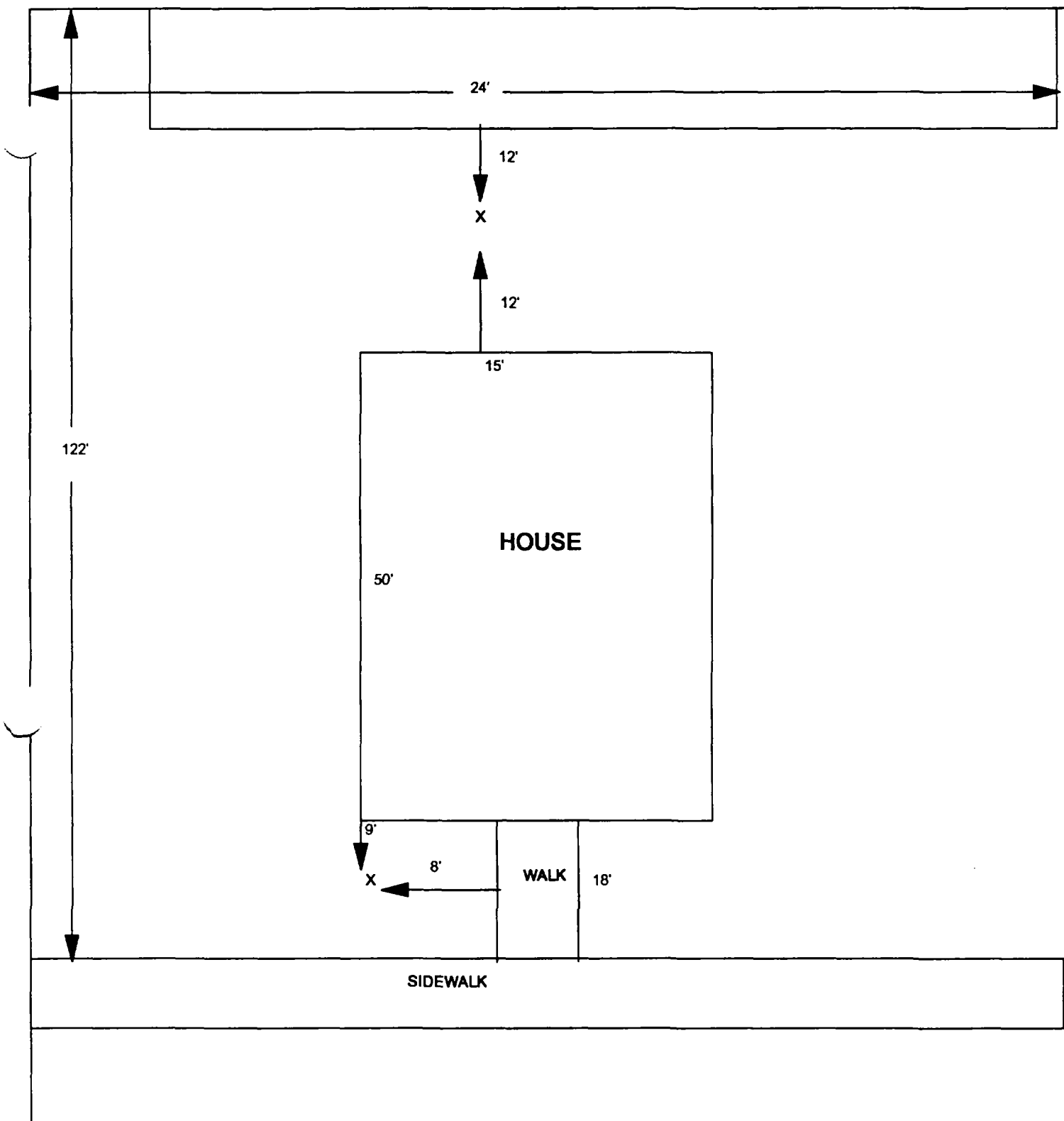
6 - 12" Front and Back				
C	C	C	C	C
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.

398

751

Depth Excav. (inch)

12



X = SAMPLE POINT

1423 IOWA

TOTAL
DEMINSIONS

122'X24'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/30/97

Approved By:

Scale: NTS

Drawing No:

825 Madison

Action Date: 01-06-97

Loadout: 01-06-97

Restoration Begins: 01-07-97

Restoration Completed: 01-07-97

**Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.*

**An excavation depth of 6 inches was established by USACE prior to work commencing.*

**The excavation of special waste yielded a total of 19.03 cubic yards, which was shipped to WMI-Milam for disposal.*

**Equipment utilized during excavation:*

**TL-26*

**17-KW*

**X331*

**Subcontractors:*

**WMI*

-landfill

**Brockmeier Sod Farm*

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

825 Madison

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
19.03	2	11.72	180					

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

825 Madison 494 738 683
196 1490 140

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

590 167 608
349 744 201

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

291 153 177
273

Depth
Excav.
(inch)

6

1

2

3

1230 Madison

Action Date: 11-19-96

Loadout: 11-20-96

Restoration Begins: 11-21-96

Restoration Completed: 11-22-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 44.49 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

* Kubota

*17-KW

* TCM-806

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1230 Madison

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
44.49		71.99	300					

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back			
	A		A	
	PPM	No.	PPM	No.

1230 Madison

696 1080
727 1680

	3 - 6" Front and Back			
	B		B	
	PPM	No.	PPM	No.

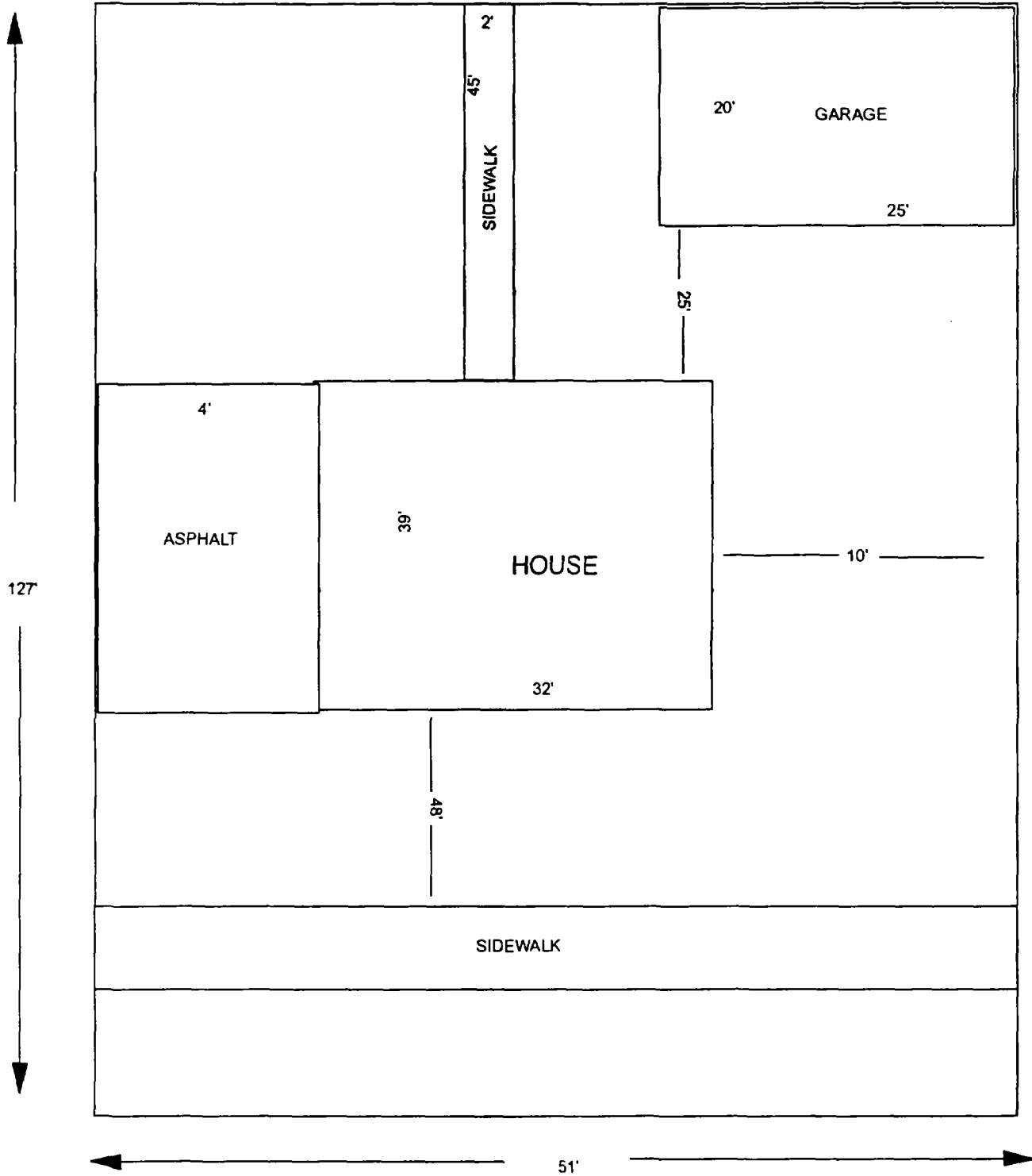
573 573
765 1430

	6 - 12" Front and Back			
	C		C	
	PPM	No.	PPM	No.


279 313
622 1140

Depth Excav. (inch)

6



1230 MADISON

		 OHM Corporation Findlay, Ohio	
		Drawn By: MTB	Checked By:
		Date: 4/16/96	Approved By:
		Scale: NTS	Drawing No:

1603 Maple

Action Date: 02-03-97

Loadout: 02-07-97

Restoration Begins: 02-07-97

Restoration Completed: 02-11-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 70.86 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Petago

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1603 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
70.86	5	82.92	600	26.44				

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

1603 Maple 180 710

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

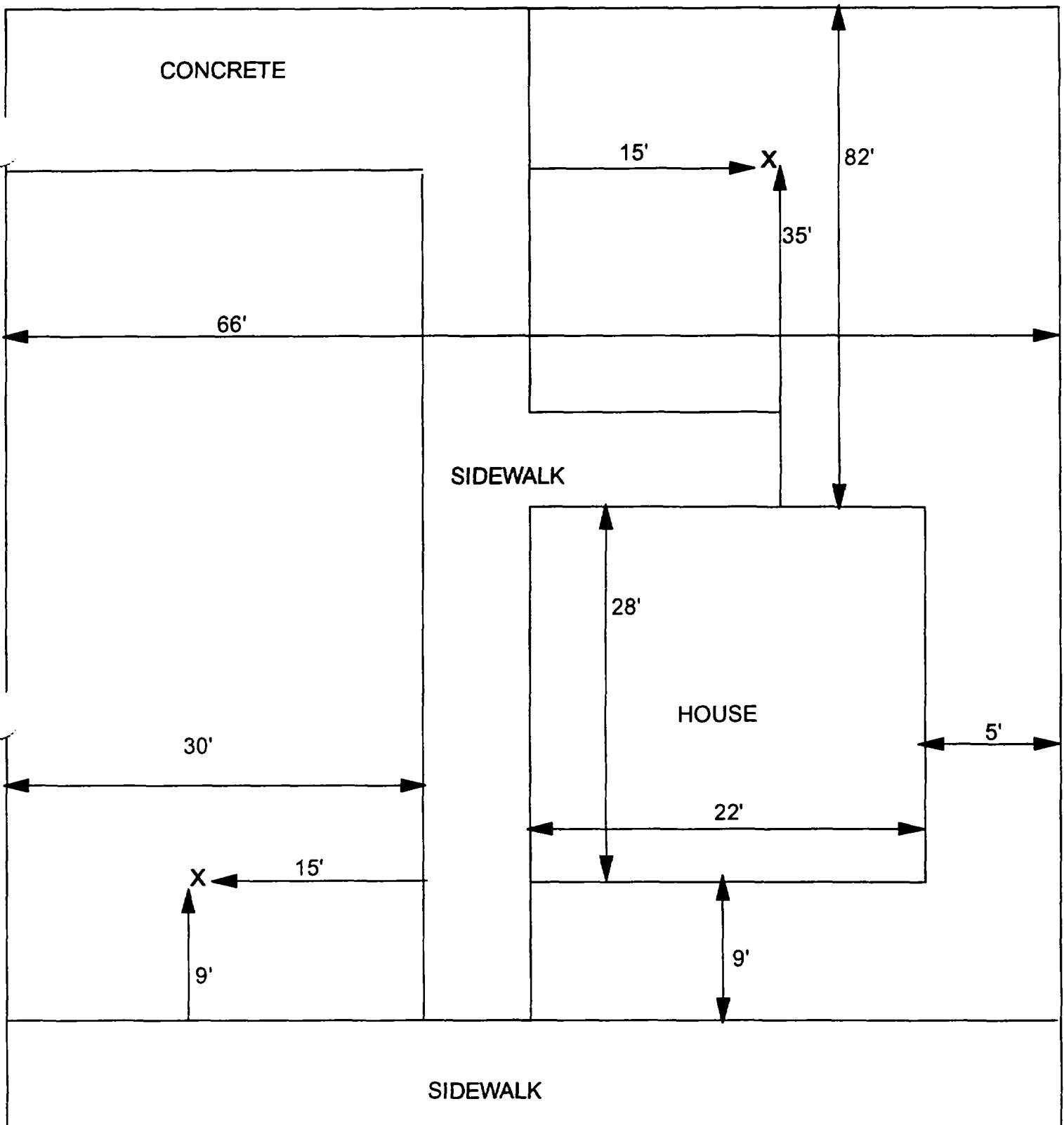
264 14300

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

176 496

Depth Excav. (Inch)

6



X = SAMPLE POINT

1603 MAPLE
TOTAL
DEMINSION
119'X66'

OHM
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No

1607 Maple

Action Date: 01-04-97

Loadout: 01-07-97

Restoration Begins: 01-07-97

Restoration Completed: 01-08-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 76.57 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Petago

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1607 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
76.57		151.3	540		14.2			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
Street/Number Address	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

1607 Maple 460 578

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

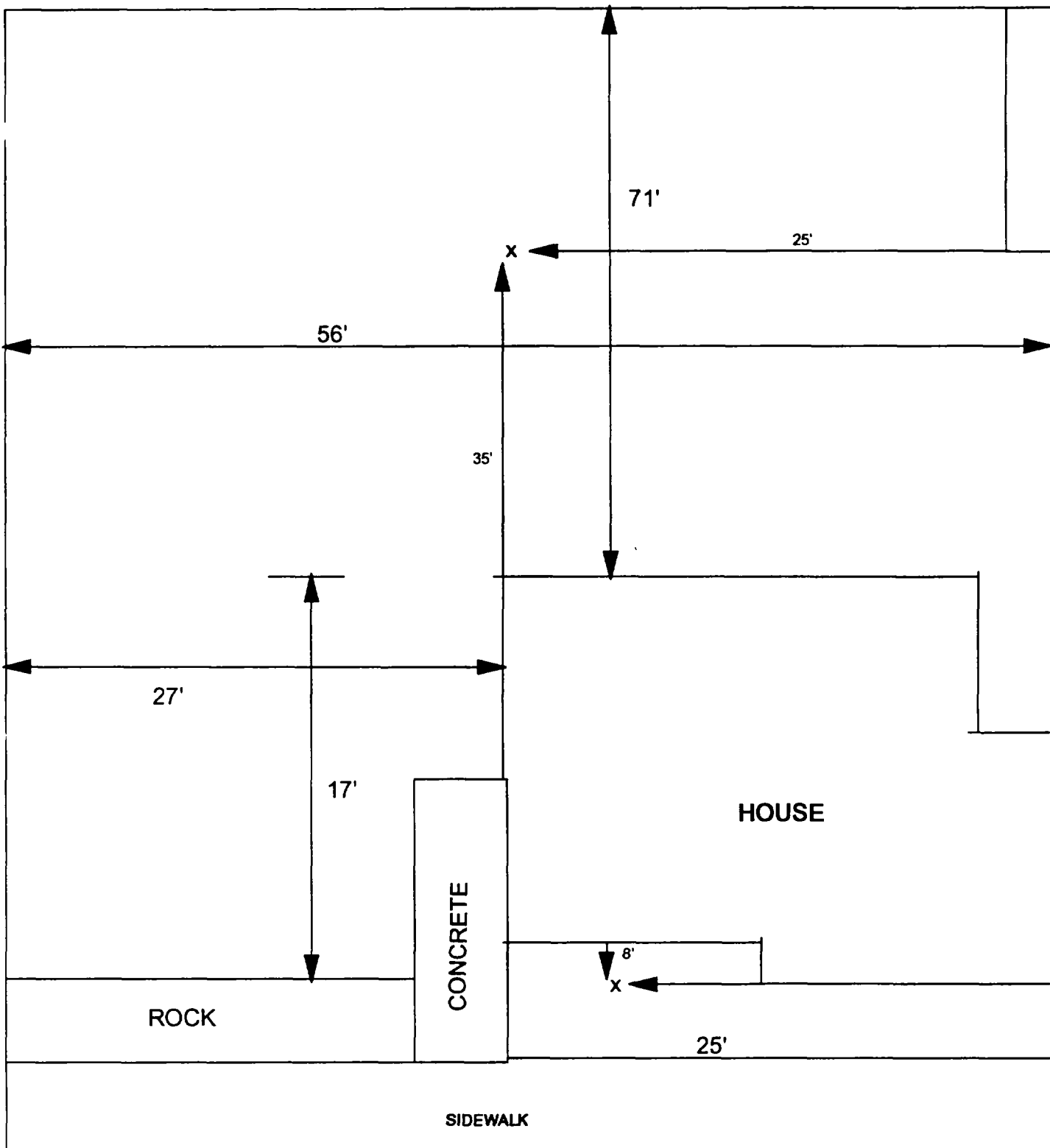
342 436

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

88 307

Depth Excav. (inch)

3



1607 MAPLE
TOTAL
DEMINSIONS
90'X56'

OHM
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No:

1610 Maple

Action Date: 02-13-97

Loadout: 02-14-97

Restoration Begins: 02-14-97

Restoration Completed: 02-17-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 70.07 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1610 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
70.07	4	103.59	495	15.58	17.03			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

1610 Maple

542

413

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

350

644

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

122

203

Depth	
Excav.	
(inch)	

6

1614 Maple

Action Date: 02-19-97

Loadout: 02-24-97

Restoration Begins: 02-24-97

Restoration Completed: 03-03-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 42.21 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1614 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
42.21		64.22	300	25.87	24.29			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

1614 Maple 528 951
436 700

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

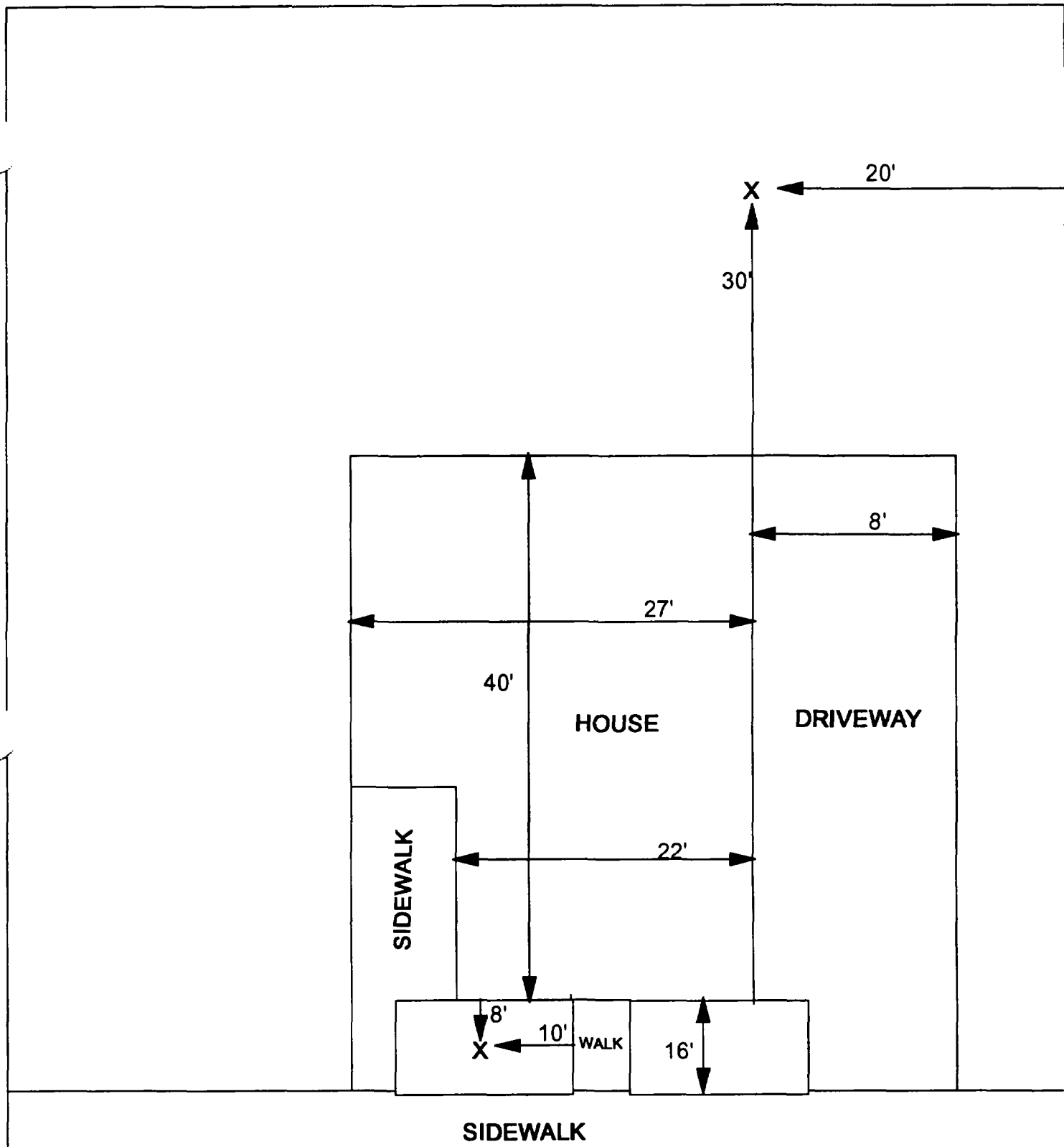
488 391

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

197 237

Depth Excav. (inch)

3



X = SAMPLE POINT

1614 MAPLE
TOTAL
DEMINSIONS
131'X48'

OHM
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No

1230 Madison

Action Date: 11-19-96

Loadout: 11-20-96

Restoration Begins: 11-21-96

Restoration Completed: 11-22-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 44.49 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

* Kubota

*17-KW

* TCM-806

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1230 Madison

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
44.49		71.99	300					

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
Street/Number Address	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

1230 Madison 696 1080
727 1680

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

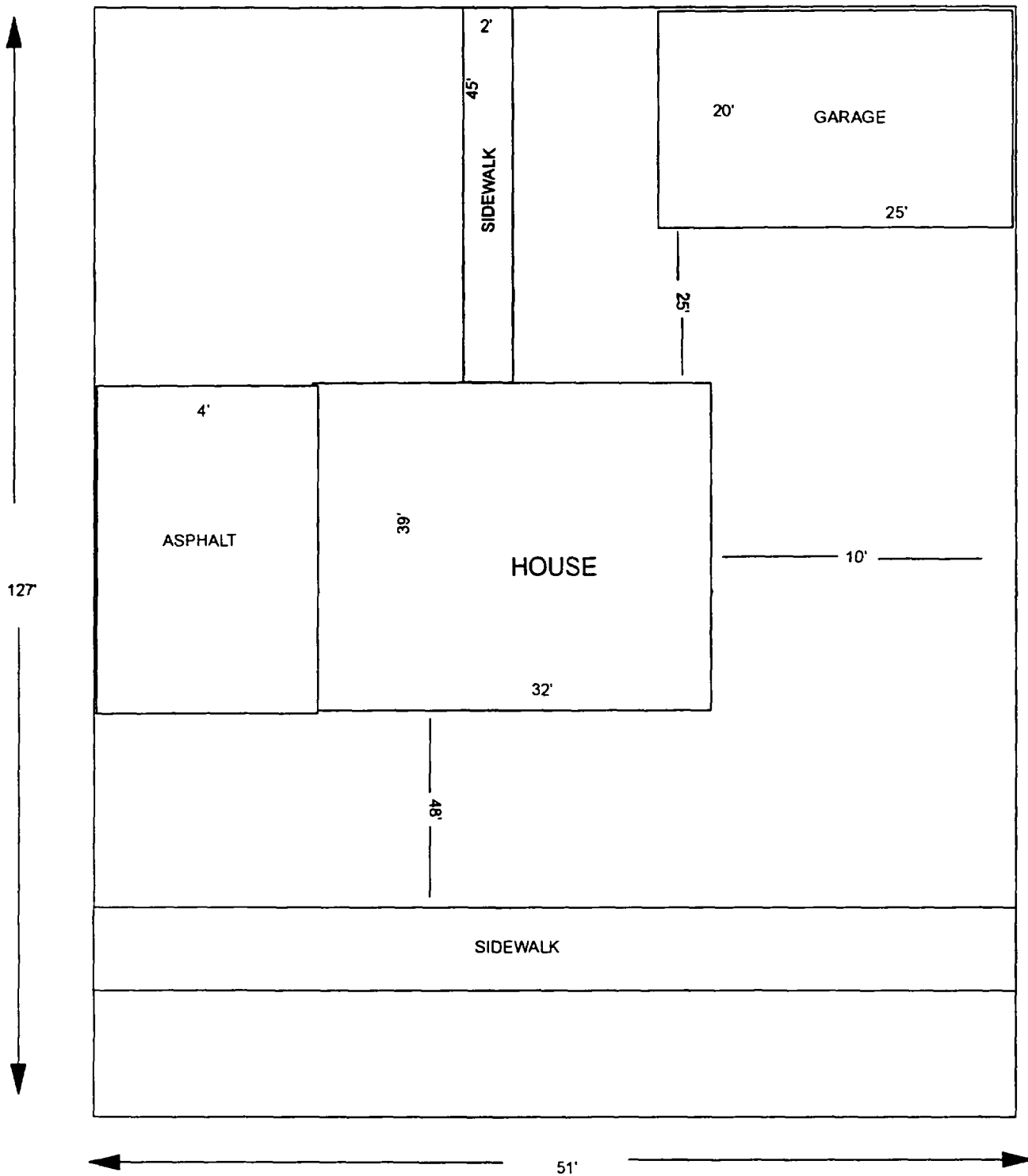
573 573
765 1430

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.


279 313
622 1140

Depth
Excav.
(inch)

6



1230 MADISON

		OHM  Corporation Findlay, Ohio	
		Drawn By: MTB	Checked By:
		Date: 4/16/96	Approved By:
		Scale: NTS	Drawing No:

1617 Maple

Action Date: 01-08-97

Loadout: 01-23-97

Restoration Begins: 01-24-97

Restoration Completed: 02-17-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 108.18 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

- *TL-26

- *17-KW

- *X331

*Subcontractors:

- *WMI

 - landfill

- *Turf Mountain

 - sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1617 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
108.18		83.16	240	109.43	14.38			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

1617 Maple

587 452

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

414

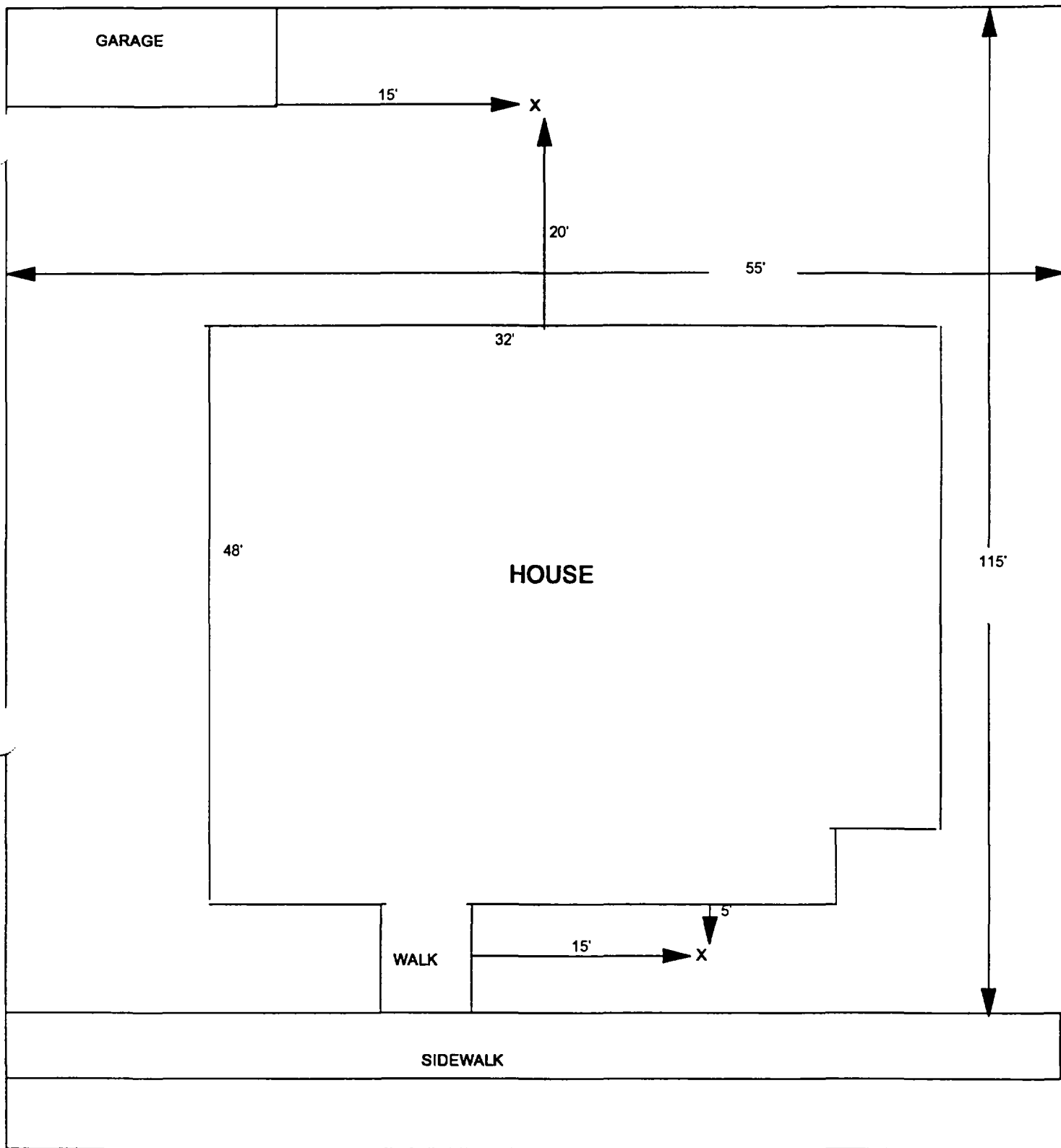
250

6 - 12" Front and Back					
C	C	C	C	C	C
	PPM	PPM	PPM	PPM	PPM
	No.	No.	No.	No.	No.

241

276

Depth Excav. (inch)



X = SAMPLE POINT

1617 MAPLE

TOTAL
DEMINSIONS

115'X55'

OHM 
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No:

1628 Maple

Action Date: 03-03-97

Loadout: 03-04-97

Restoration Begins: 03-05-97

Restoration Completed: 03-05-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 63.91 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1628 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
63.91	2	14.86	120	51.65	55.14			

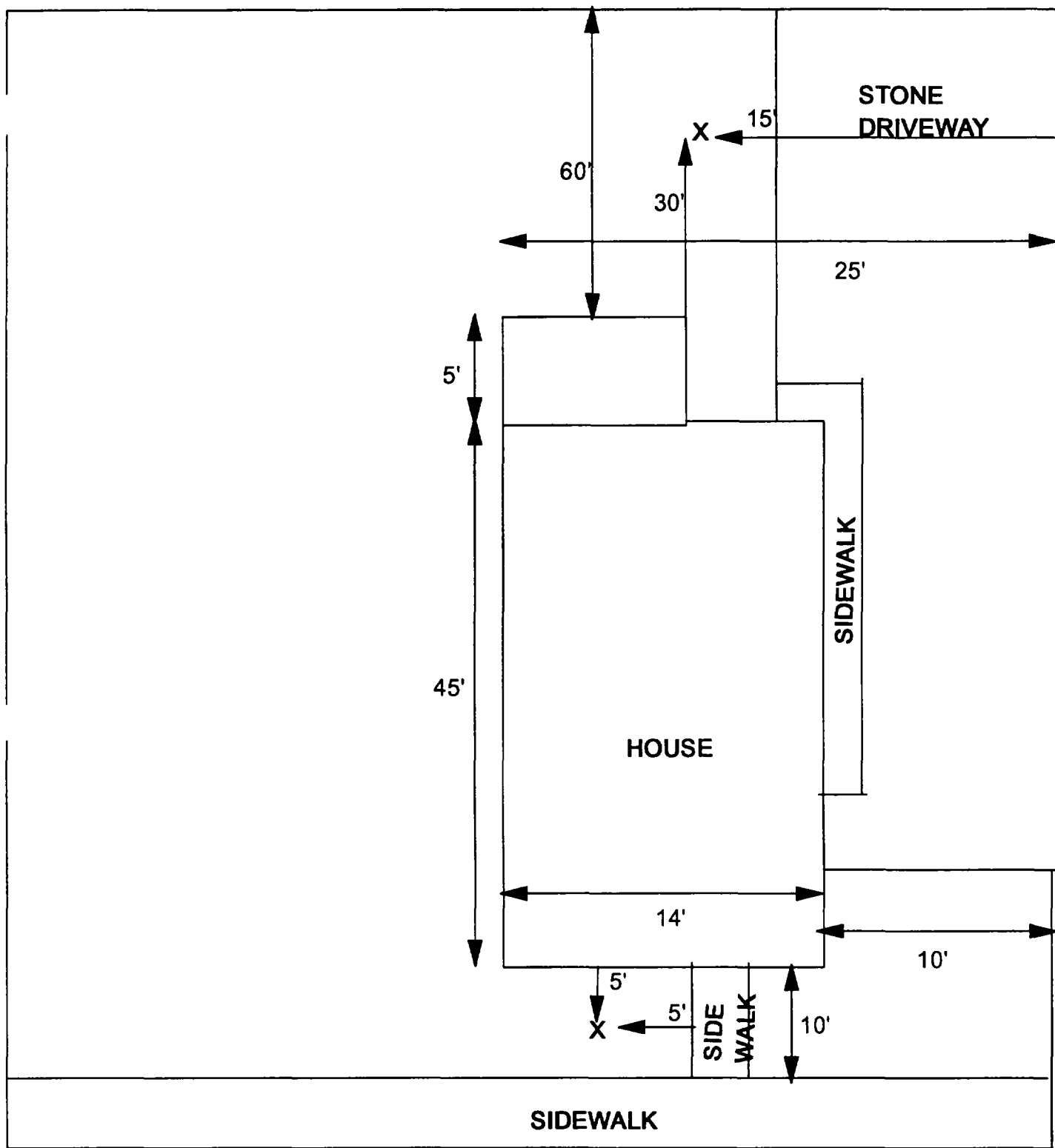
**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.
1628 Maple	510	440	
	370	340	

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.
160	750		
	320	780	

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.
530	200		
	98	920	

Depth Excav. (inch)
12



X = SAMPLE POINT

1628 MAPLE
TOTAL
DEMINSIONS
120'X25'

OHM
Corporation
Findley, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No

1633 Maple

Action Date: 12-31-96

Loadout: 01-02-97

Restoration Begins: 01-02-97

Restoration Completed: 01-03-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 63.31 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1633 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
63.31		135.75	465	15.12				

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A		A
	PPM	PPM	PPM
	No.	No.	No.

1633 Maple

747

640

3 - 6" Front and Back			
B	B		B
	PPM	PPM	PPM
	No.	No.	No.

372

444

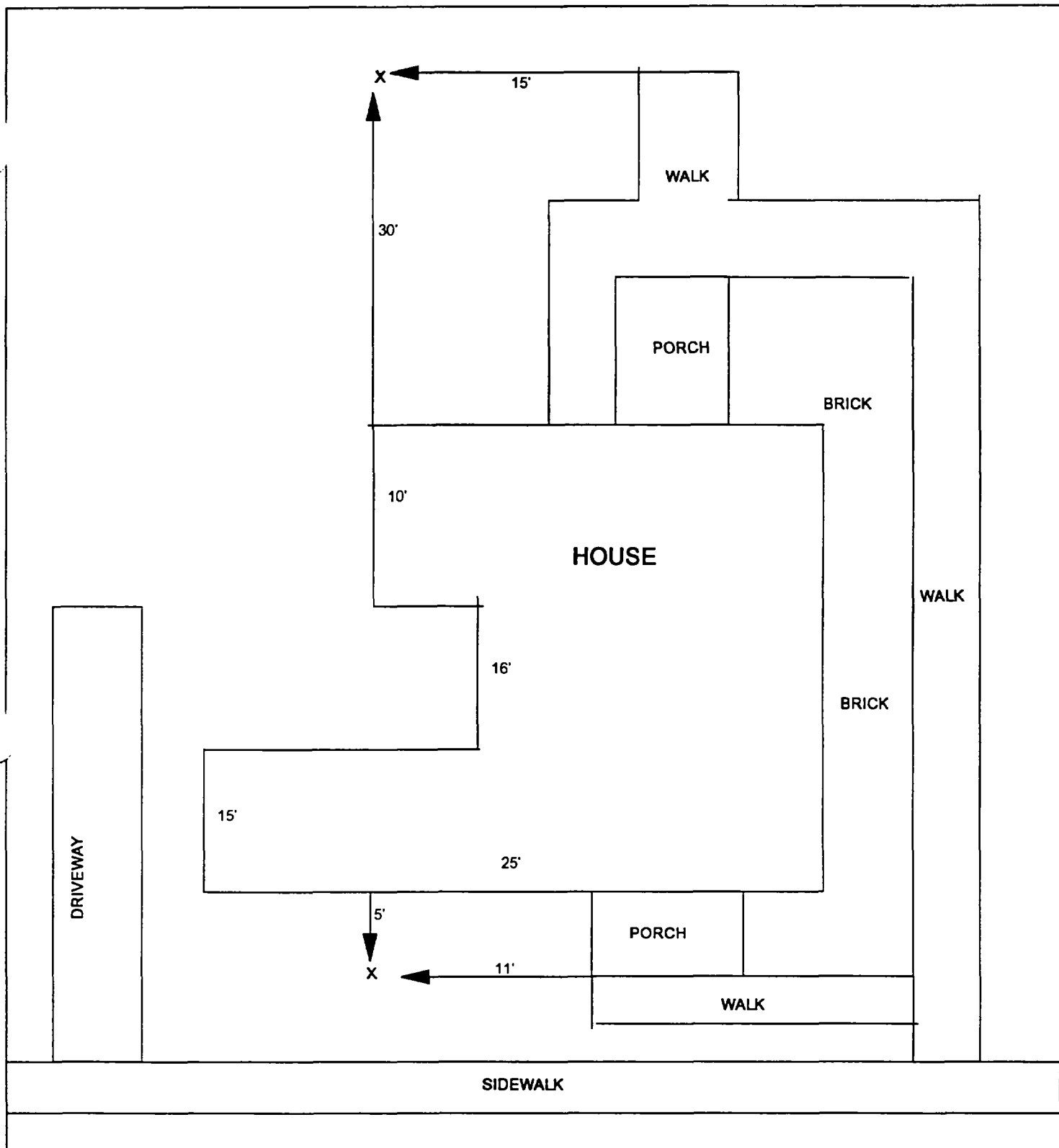
6 - 12" Front and Back			
C	C		C
	PPM	PPM	PPM
	No.	No.	No.

122

261

Depth	
Excav.	
(inch)	

3



X = SAMPLE POINT

1633 MAPLE

TOTAL
DEMINSIONS

129'X51'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No:

1635 Maple

Action Date: 12-10-96

Loadout: 12-13-96

Restoration Begins: 12-14-96

Restoration Completed: 12-16-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 44.71 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Brockmiere

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1635 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
44.71		117.44	420	25.56	13.26			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A		A
	PPM	PPM	PPM
	No.	No.	No.

1635 Maple

721

593

3 - 6" Front and Back			
B	B		B
	PPM	PPM	PPM
	No.	No.	No.

365

475

6 - 12" Front and Back			
C	C		C
	PPM	PPM	PPM
	No.	No.	No.

148

261

Depth	
Excav.	
(inch)	

3

(

)

)

1637 Maple

Action Date: 12-05-96

Loadout: 12-07-96

Restoration Begins: 12-07-96

Restoration Completed: 12-10-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 57.59 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1637 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
57.59	5	66.35	320	28.58				

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

1637 Maple

420

435

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

397

489

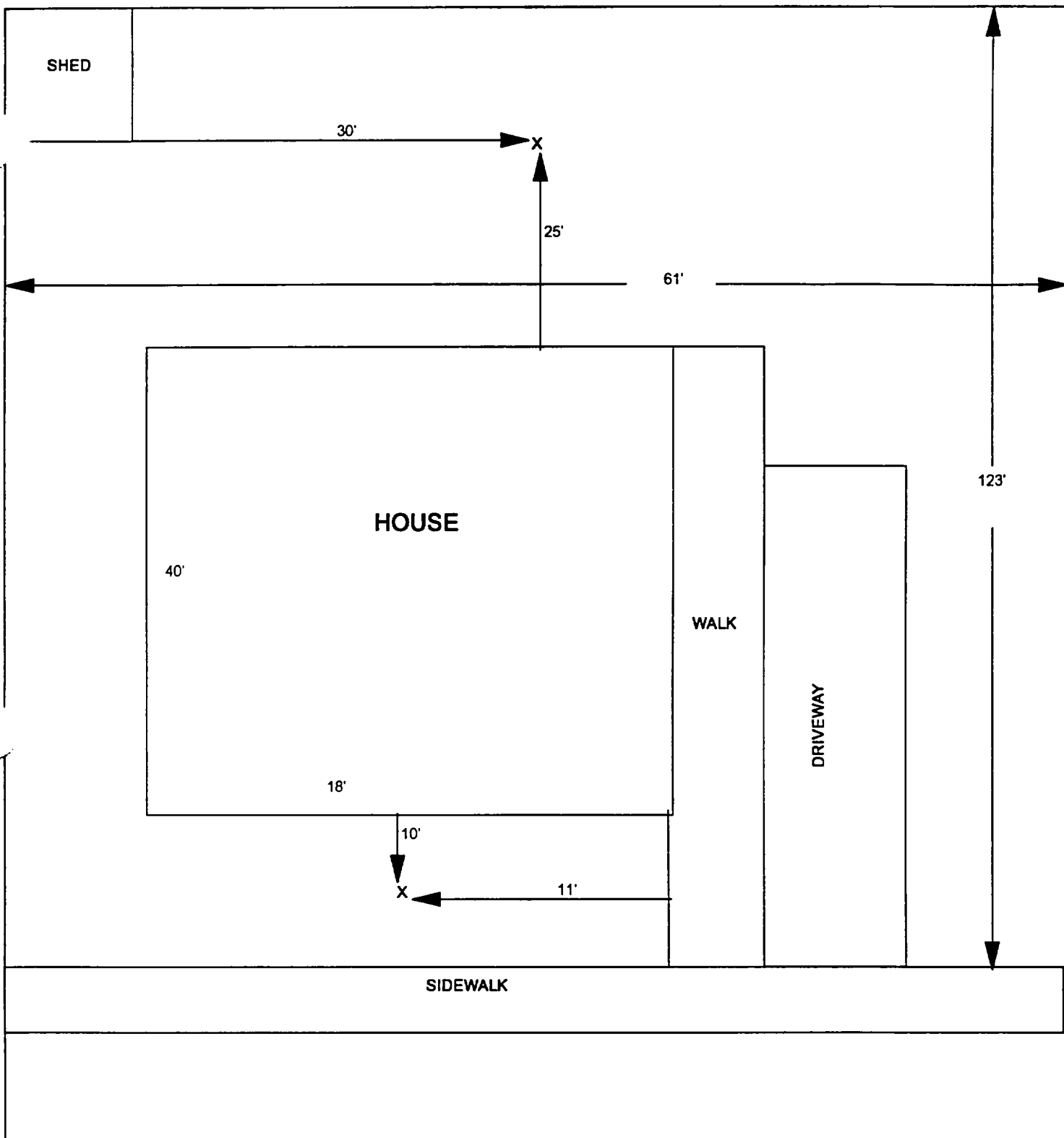
6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

370

798

Depth
Excav.
(inch)

12



X = SAMPLE POINT

1637 MAPLE

TOTAL
DEMINSIONS
123'X61'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No:

)

)

)

1643 Maple

Action Date: 12-02-96

Loadout: 12-03-96

Restoration Begins: 12-03-96

Restoration Completed: 12-04-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 23.08 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1643 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
23.08		55.22	240		28.34			

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back			
	A		A	
	PPM	No.	PPM	No.

1643 Maple

506

231

	3 - 6" Front and Back			
	B		B	
	PPM	No.	PPM	No.

326

320

	6 - 12" Front and Back			
	C		C	
	PPM	No.	PPM	No.

183

92

Depth Excav. (inch)

3

1651 Maple

Action Date: 11-21-96

Loadout: 11-22-96

Restoration Begins: 11-23-96

Restoration Completed: 11-23-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 36.06 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

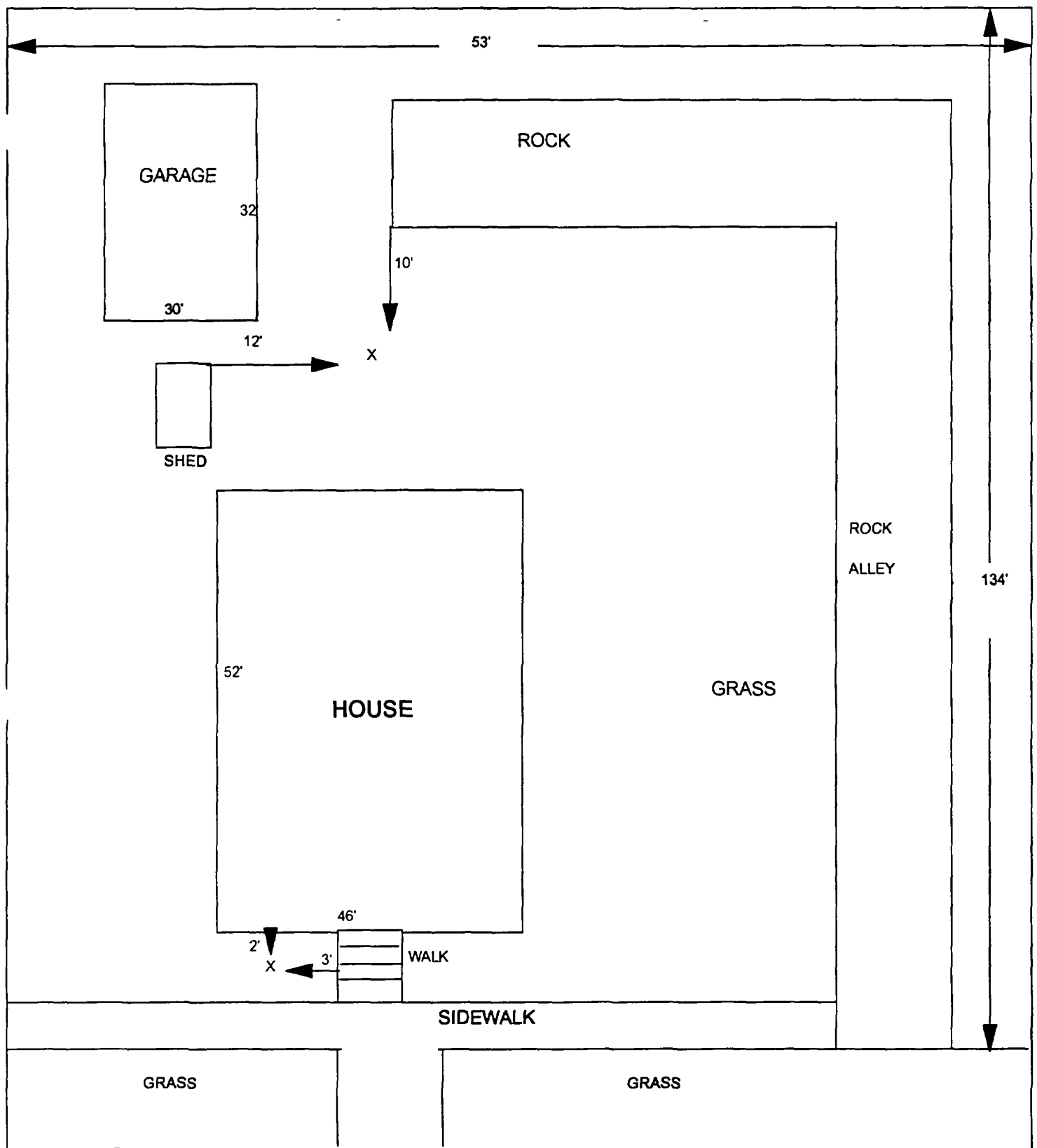
QUANTITY SUMMARY FOR

1651 Maple

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
36.06		23.83	180	29.33	11.59			

**Sampling Analysis
Project #19321**

Street/Number Address	0 - 3" Front and Back				3 - 6" Front and Back				6 - 12" Front and Back				Depth Excav. (inch)	
	A	A	A	A	B	B	B	B	C	C	C	C	No.	PPM
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.		
1651 Maple	910		1200		260		190		410		360		3	



X = SAMPLE POINT

1651 MAPLE

TOTAL
DEMINSIONS

134'X53'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Date: 10/8/96

Scale: NTS

Checked By:

Approved By:

Drawing No:

910 Niedringhaus

Action Date: 02-24-97

Loadout: 02-25-97

Restoration Begins: 02-25-97

Restoration Completed: 02-25-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 18.73 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

910 Niedringhaus

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
18.73					43.4			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

910 Niedringhaus 596 470

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

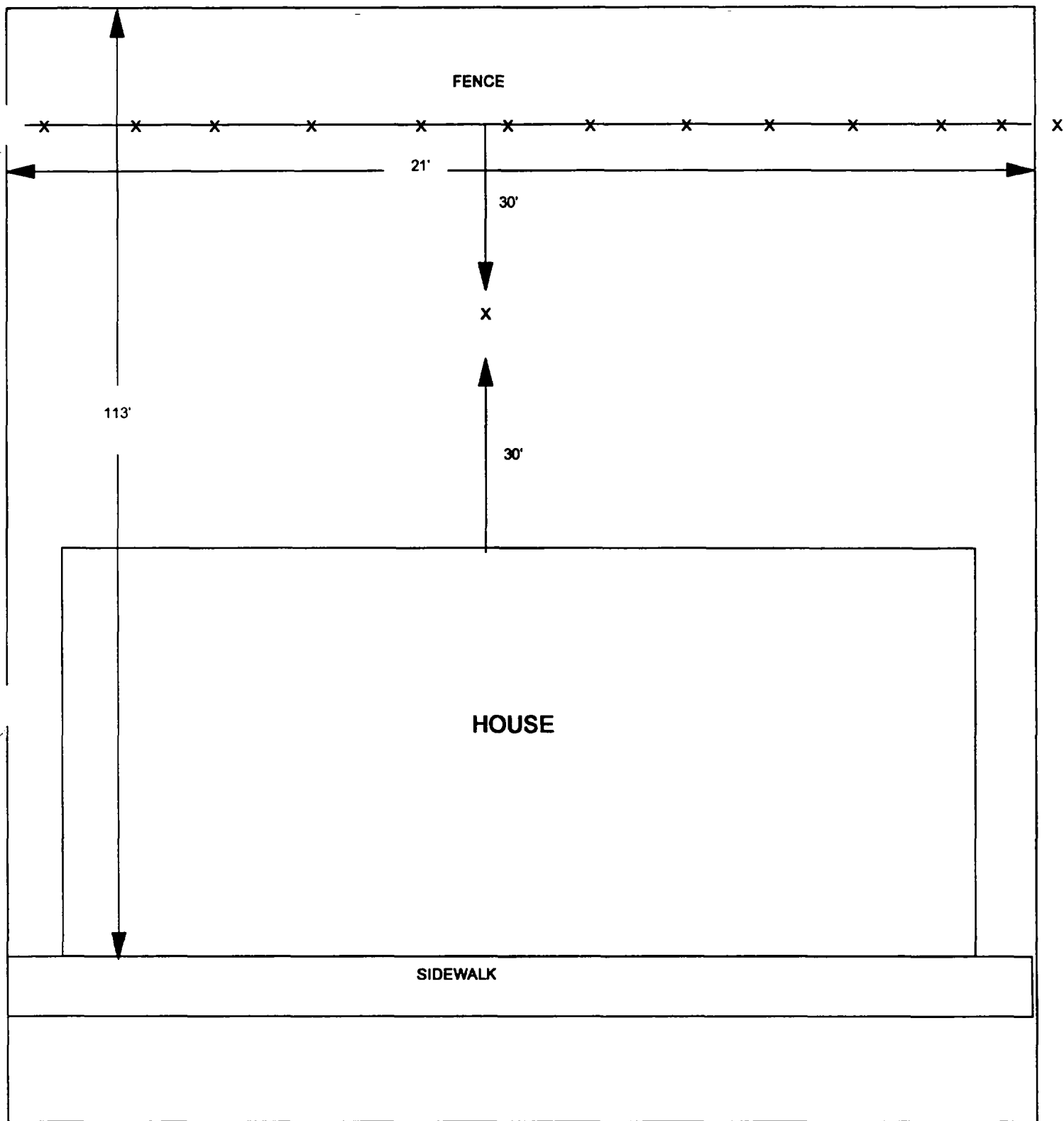
428 463

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

338 413

Depth	
Excav.	
(inch)	

3



X = SAMPLE POINT

910 NIEDRINGHAUS

TOTAL
DEMINSIONS

113'X21'

OHM 
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/30/97

Approved By:

Scale: NTS

Drawing No:

910 1/2 Niedringhaus

Action Date: 02-15-97

Loadout: 02-18-97

Restoration Begins: 02-19-97

Restoration Completed: 02-19-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 45.15 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

910 1/2 Niedringhaus

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
45.15		49.22	120	13.64	28.83			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
Street/Number Address	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

3 - 6" Front and Back				
B	B	B	B	B
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

6 - 12" Front and Back				
C	C	C	C	C
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

Depth Excav. (inch)

910.5 Niedringhaus 482

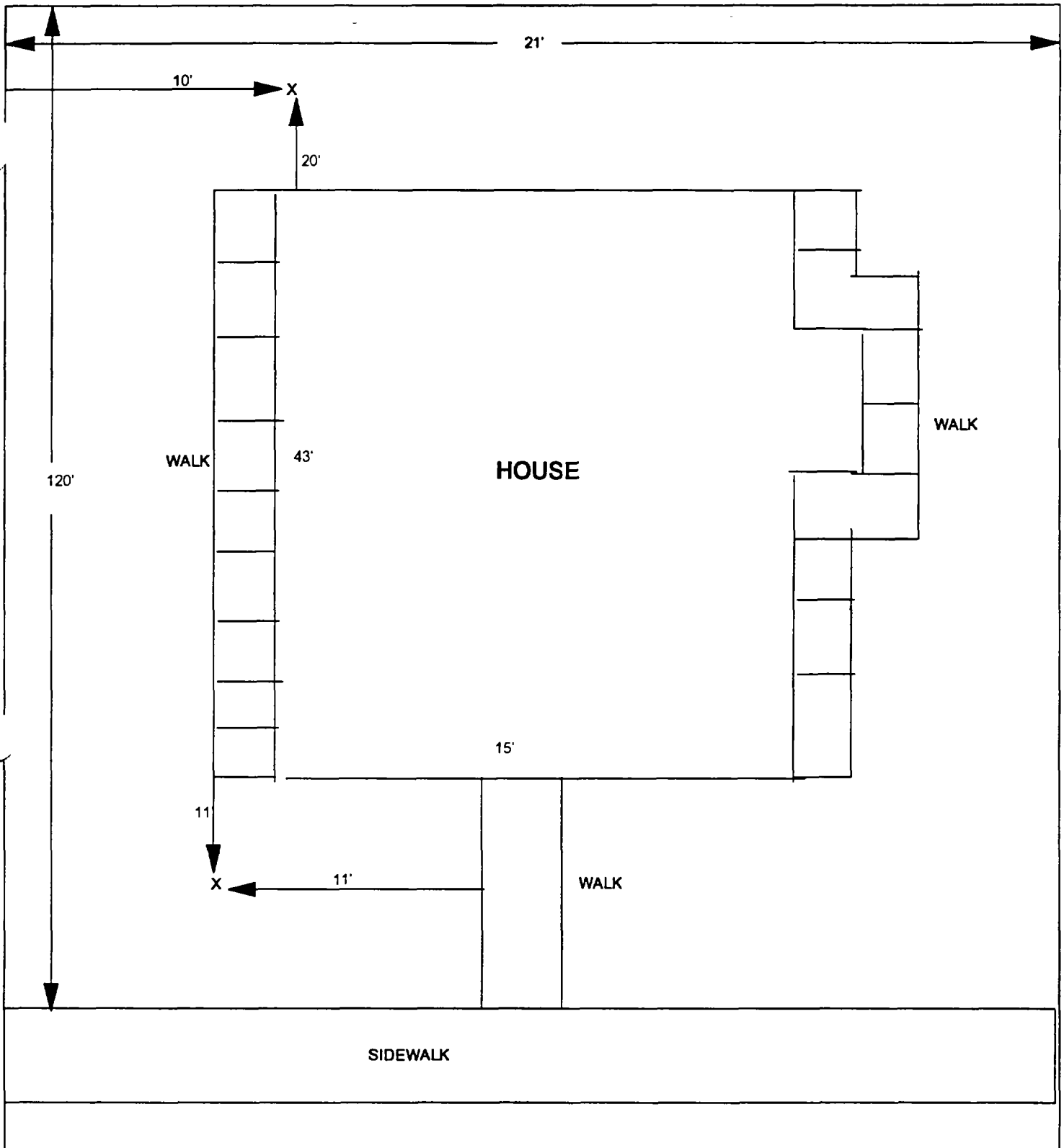
513

512

227

380

6



910 1/2 NIEDRINGHAUS

TOTAL
DEMINSIONS

120'X21'

OHM Corporation
Findley, Ohio

Drawn By: JG

Checked By:

Date: 5/30/97

Approved By:

Scale: NTS

Drawing No:

912 Niedringhaus

Action Date: 03-03-97

Loadout: 03-03-97

Restoration Begins: 03-04-97

Restoration Completed: 03-06-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 16.14 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

912 Niedringhaus

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
16.14			STONE	42.06	29.12			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
A	A	A	A	A
Street/Number	PPM	PPM	PPM	PPM
Address	No.	No.	No.	No.

3 - 6" Front and Back				
B	B	B	B	B
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.

6 - 12" Front and Back				
C	C	C	C	C
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.

Depth	Depth
Excav.	Excav.
(inch)	(inch)

912 Niedringhaus

1200

1200

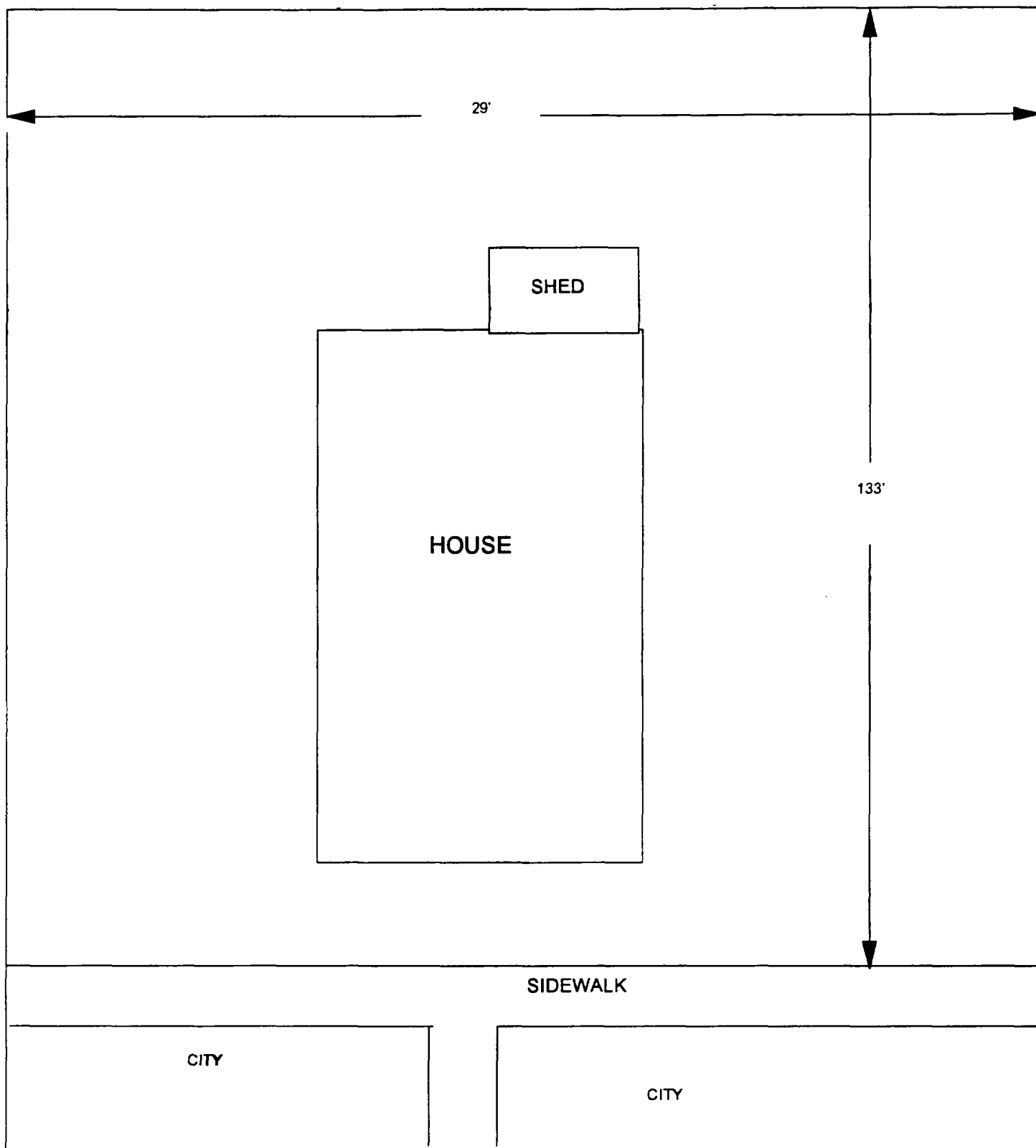
1300

1500

2300

520

12



912 NIEDRINGHAUS

TOTAL
DEMINSIONS

133'X29'

OHM
Corporation
Findlay, Ohio

Drawn By: **AS**

Date: **10/22/95**

Scale: **NTS**

Checked By:

Approved By:

Drawing No:

929 Niedringhaus

Action Date: 11-12-96

Loadout: 11-21-96

Restoration Begins: 11-21-96

Restoration Completed: 11-27-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 155.23 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

929 Niedringhaus

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
155.23		12.05	60	275.24	138.42			

**Sampling Analysis
Project #19321**

	0 - 3" Front and Back		
	A	A	A
Street/Number Address	PPM No.	PPM No.	PPM No.

929 Niedringhaus 971

	3 - 6" Front and Back	
	B	B
PPM No.	PPM No.	PPM No.

804

	6 - 12" Front and Back		
	C	C	C
PPM No.	PPM No.	PPM No.	PPM No.

436

Depth Excav. (inch)

6

931 Niedringhaus

Action Date: 11-12-96

Loadout: 11-18-96

Restoration Begins: 11-22-96

Restoration Completed: 11-23-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 112.65 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

931 Niedringhaus

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
112.65		11.49	60	84.75	24.58			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
Street/Number Address	A	A	A	A
	PPM	PPM	PPM	PPM
	No.	No.	No.	No.

931 Niedringhaus

616

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

481

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

519

Depth Excav. (inch)

12

1

2

3

935 Niedringhaus

Action Date: 11-12-96

Loadout: 11-15-96

Restoration Begins: 11-15-96

Restoration Completed: 11-27-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 151.37 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

935 Niedringhaus

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
151.37		30.67	60	201.19	86.09			

**Sampling Analysis
Project #19321**

	0 - 3" Front and Back			
	A	A	A	A
Street/Number	PPM	PPM	PPM	PPM
Address	No.	No.	No.	No.

935 Niedringhaus 480 821
2000 510

	3 - 6" Front and Back			
	B	B	B	B
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.

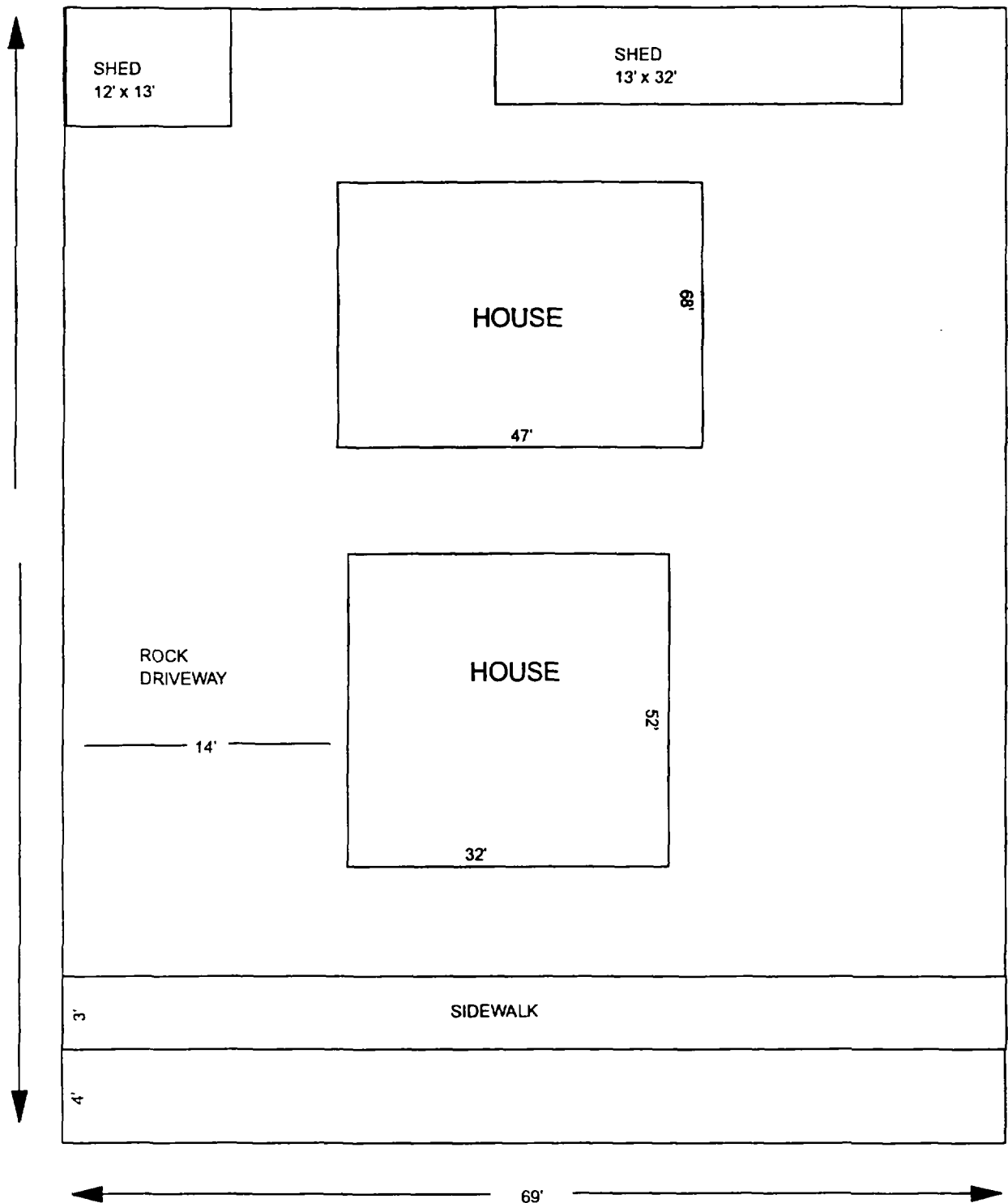
342 902
450 610

	6 - 12" Front and Back			
	C	C	C	C
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.

305 574
150 520

Depth
Excav.
(inch)

12



935 NIEDRINGHAUS

		OHM Corporation Findlay, Ohio	
		Drawn By: MTB	Checked By:
		Date: 5/2/96	Approved By:
		Scale: NTS	Drawing No:

1632 Olive

Action Date: 02-03-97

Loadout: 02-08-97

Restoration Begins: 02-08-97

Restoration Completed: 02-15-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 107.97 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1632 Olive

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
107.97	8	113.05	360					

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

1632 Olive

340

140

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

150

440

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

430

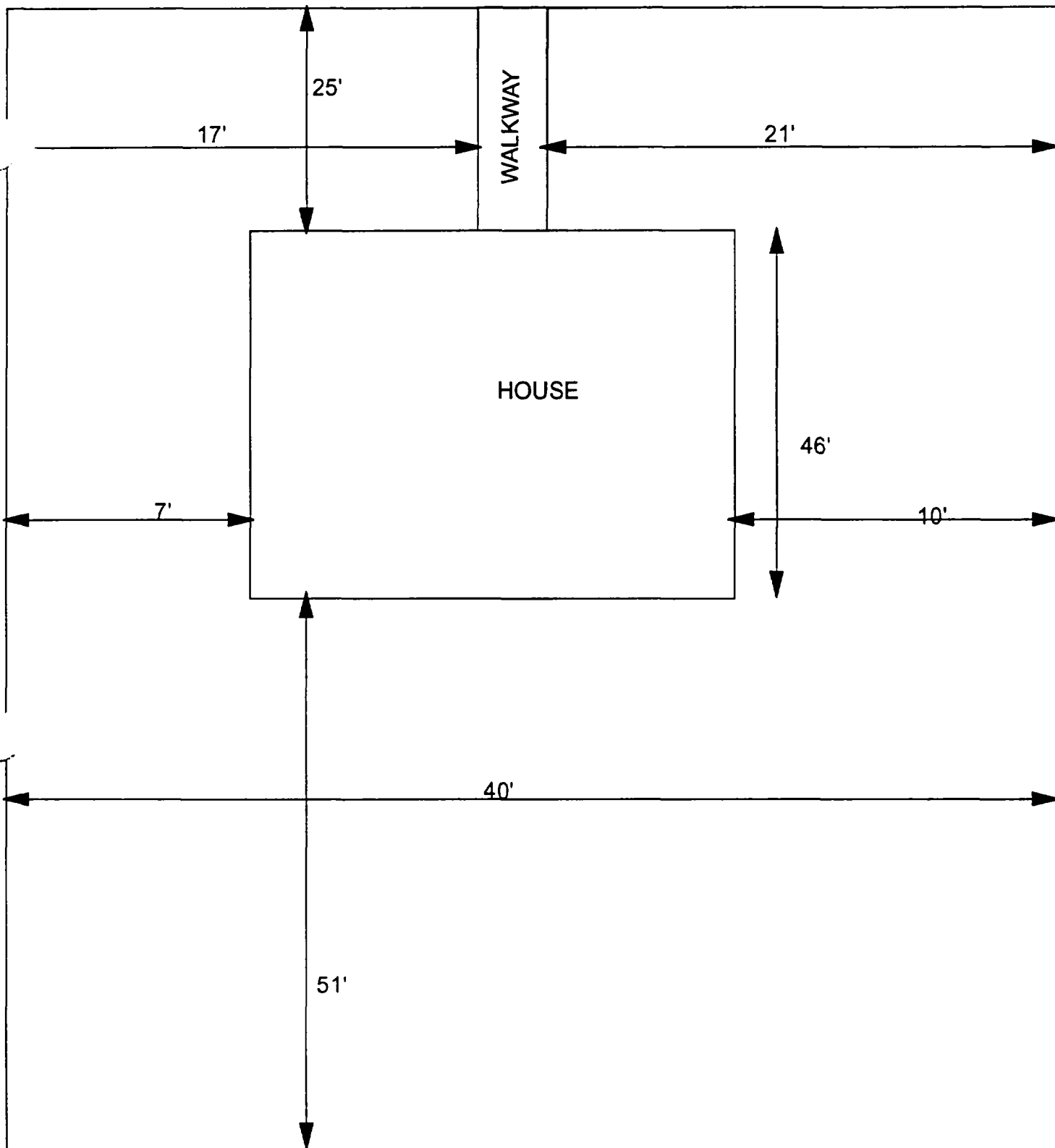
2000

352

436

Depth
Excav.
(inch)

12



1632 OLIVE

OHM
Corporation
Findlay, Ohio

Drawn By: DDL	Checked By:
Date: 8/12/96	Approved By:
Scale: NTS	Drawing No

1636 Olive

Action Date: 02-08-97

Loadout: 02-13-97

Restoration Begins: 02-14-97

Restoration Completed: 02-15-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 31.29 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1636 Olive

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
31.29		7.93	120		45.48			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A		A
	PPM	PPM	PPM
	No.	No.	No.

1636 Olive

678

474

3 - 6" Front and Back			
B	B		B
	PPM	PPM	PPM
	No.	No.	No.

361

1100

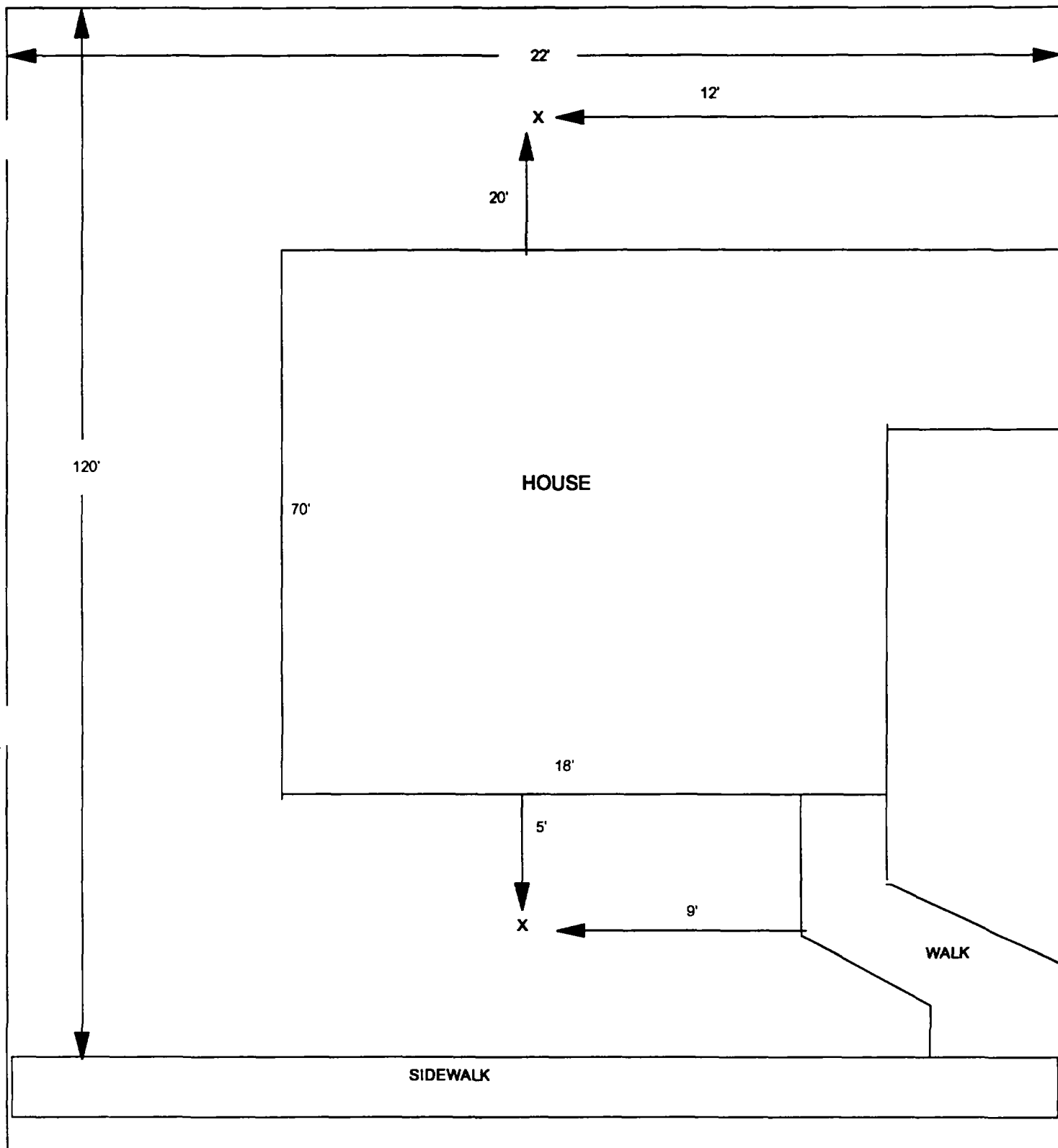
6 - 12" Front and Back			
C	C		C
	PPM	PPM	PPM
	No.	No.	No.

229

346

Depth	
Excav.	
(inch)	

6



X = SAMPLE POINT

1636 OLIVE

TOTAL
DEMINSIONS

120'X22'

OHM
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No:

1638 Olive

Action Date: 02-08-97

Loadout: 02-13-97

Restoration Begins: 02-14-97

Restoration Completed: 02-15-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 39.09 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*Kubota

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Turf Mountain

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1638 Olive

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
39.09		21.26	60	28.78	14.91			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth	Depth
Excav.	Excav.
(inch)	(inch)

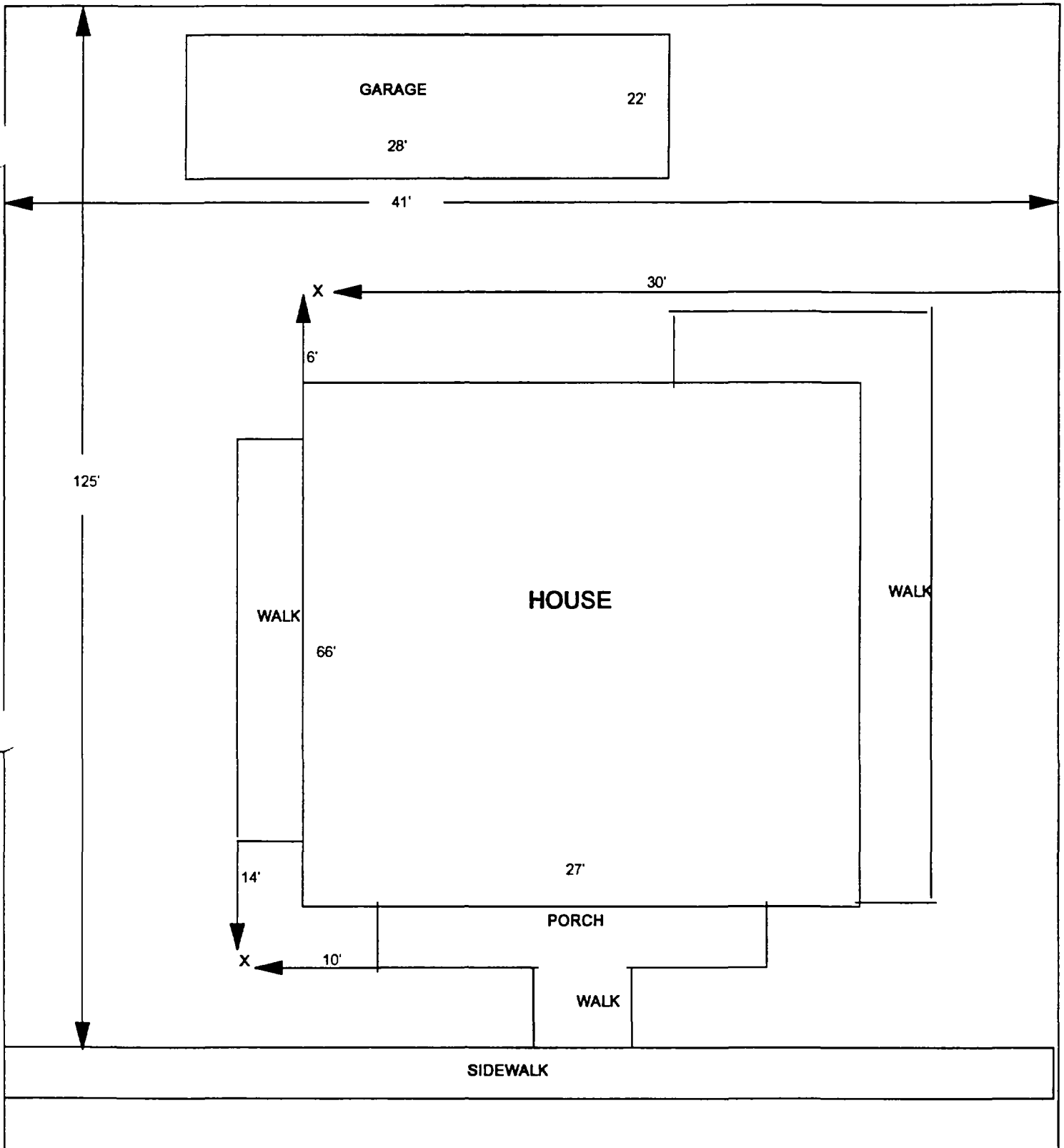
1638 Olive

756

575

332

6



X = SAMPLE POINT

1638 OLIVE

TOTAL
DEMINSIONS

125'X41'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No:

1618 Spruce

Action Date: 01-24-97

Loadout: 01-31-97

Restoration Begins: 02-01-97

Restoration Completed: 02-03-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 128.13 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1618 Spruce

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
128.13	5	122.15	587	84.79	16.18			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth
Excav.
(inch)

1618 Spruce

1690

75

36

173

10

3

1646 Spruce

Action Date: 11-13-96

Loadout: 11-16-96

Restoration Begins: 11-16-96

Restoration Completed: 11-21-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 107.43 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1646 Spruce

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
107.43	8	63.36	300	27.76	69.49			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back				
Street/Number Address	A		A	
	PPM		PPM	
	No.		No.	

1646 Spruce

398

746

3 - 6" Front and Back		
B	B	
	PPM	
	No.	

234

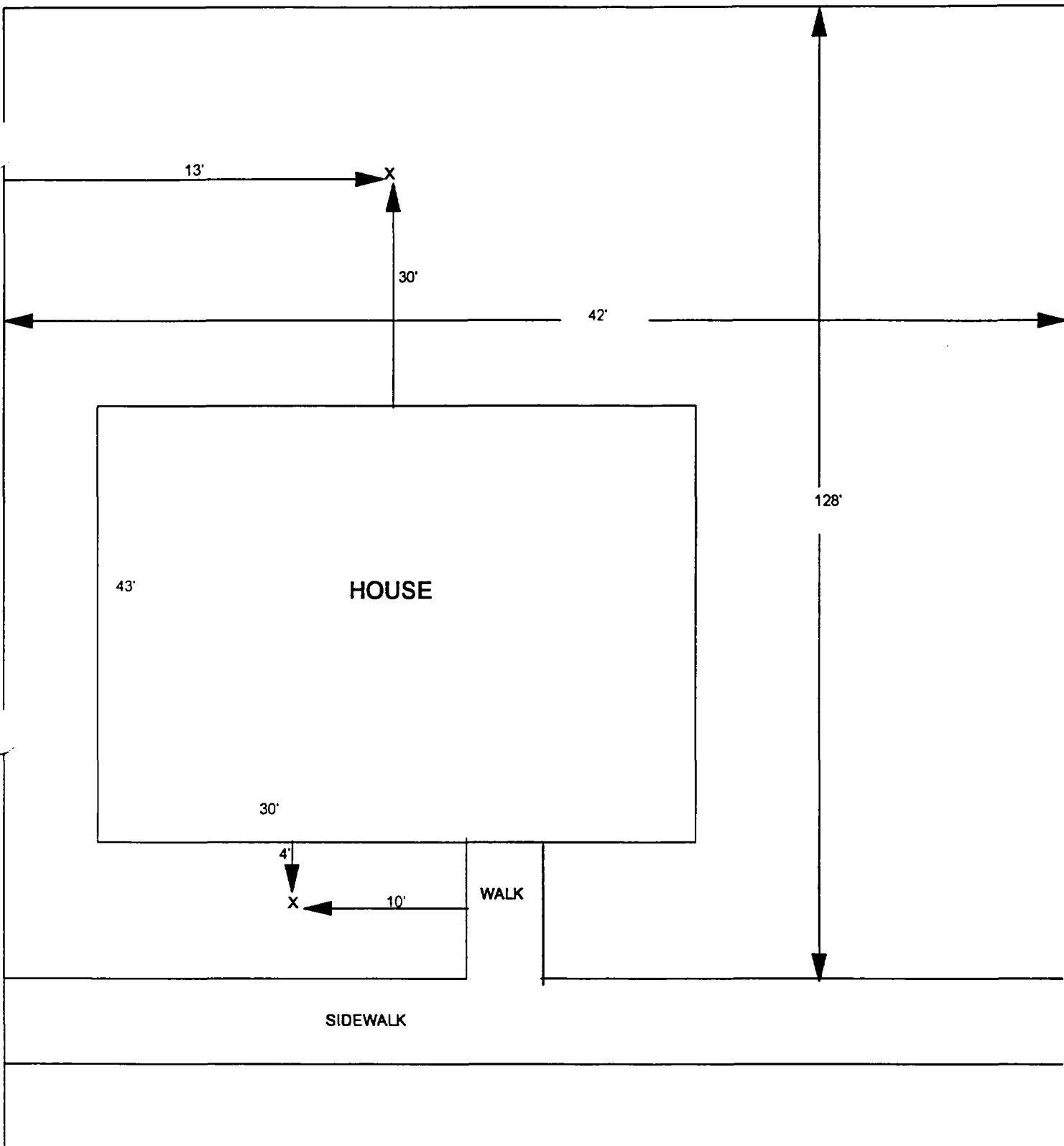
771

6 - 12" Front and Back		
C	C	
	PPM	
	No.	

98

Depth Excav. (inch)

6



1646 SPRUCE

TOTAL
DEMINSIONS

128'X42'

OHM 
Corporation
Findlay, Ohio

Drawn By: JG

Date: 5/29/97

Scale: NTS

Checked By:

Approved By:

Drawing No:

1318/20 State

Action Date: 03-03-97

Loadout: 03-04-97

Restoration Begins: 03-05-97

Restoration Completed: 03-05-97

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 61.12 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1318/20 State

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
61.12	5	47.91	300	14.55	58.68			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
Street/Number Address	A	A	A
	PPM	PPM	PPM
	No.	No.	No.

1318/20 State 979

3 - 6" Front and Back			
B	B	B	B
	PPM	PPM	PPM
	No.	No.	No.

731

6 - 12" Front and Back			
C	C	C	C
	PPM	PPM	PPM
	No.	No.	No.

307

Depth Excav. (inch)			

6

1344 State

Action Date: 12-02-96

Loadout: 12-05-96

Restoration Begins: 12-05-96

Restoration Completed: 12-07-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 145.48 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1344 State

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
145.48	6	99.83	360	54.04	42.5			

**Sampling Analysis
Project #19321**

	0 - 3" Front and Back			
	A	A	A	A
Street/Number	PPM	PPM	PPM	PPM
Address	No.	No.	No.	No.

1344 State 1360 485
1620 612

	3 - 6" Front and Back			
	B	B	B	B
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.

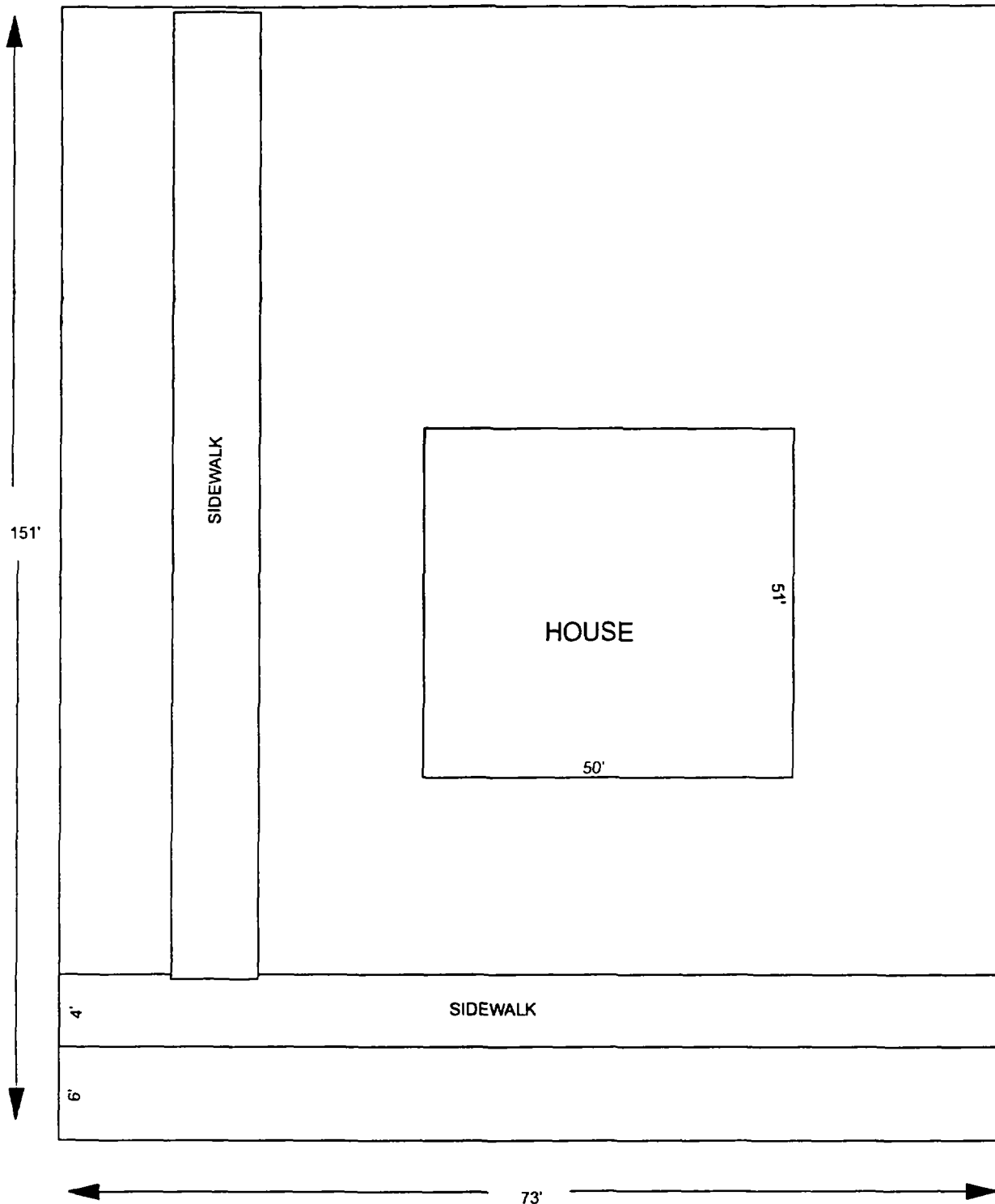
1030 587
591 1030

	6 - 12" Front and Back			
	C	C	C	C
PPM	PPM	PPM	PPM	PPM
No.	No.	No.	No.	No.


1150 240
874 734

Depth
Excav.
(inch)

12



1344 STATE

	OHM Corporation Findlay, Ohio	
	Drawn By: MTB	Checked By:
	Date: 5/2/96	Approved By:
	Scale: NTS	Drawing No:

1720 State

Action Date: 11-18-96

Loadout: 11-19-96

Restoration Begins: 11-21-96

Restoration Completed: 12-02-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 58.05 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow Landscaping

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1720 State

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
58.05		69.16	360	27.2				

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
PPM	PPM	PPM	PPM
No.	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth	Depth
Excav.	Excav.
(inch)	(inch)

1720 State

970

600

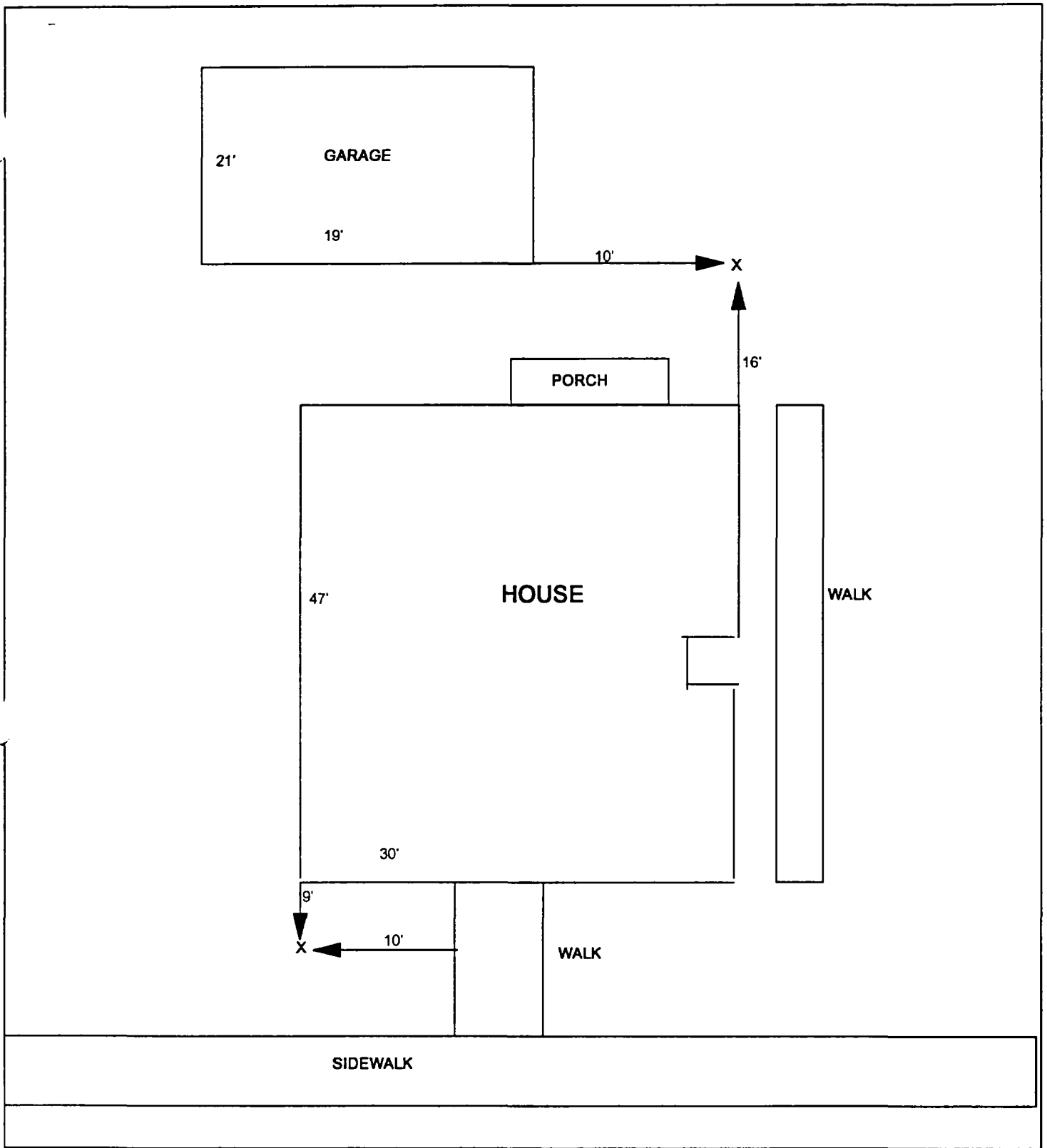
810

630

390

300

6



X = SAMPLE POINT

1720 STATE

TOTAL
DEMINSIONS

110'X44'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Date: 5/29/97

Scale: NTS

Checked By:

Approved By:

Drawing No:

1725 State

Action Date: 11-11-96

Loadout: 11-15-96

Restoration Begins: 11-15-96

Restoration Completed: 11-23-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 6 inches was established by USACE prior to work commencing.

*The excavation of special waste yield a total of 164.39 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Prochnow

-sod

*C. Grantham

-

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1725 State

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
164.39	10	343.17	900		13.32			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back

Street/Number Address	A	
	PPM	PPM
	No.	No.

1725 State

1330

729

3 - 6" Front and Back

B	B	
	PPM	PPM
	No.	No.

730

640

6 - 12" Front and Back

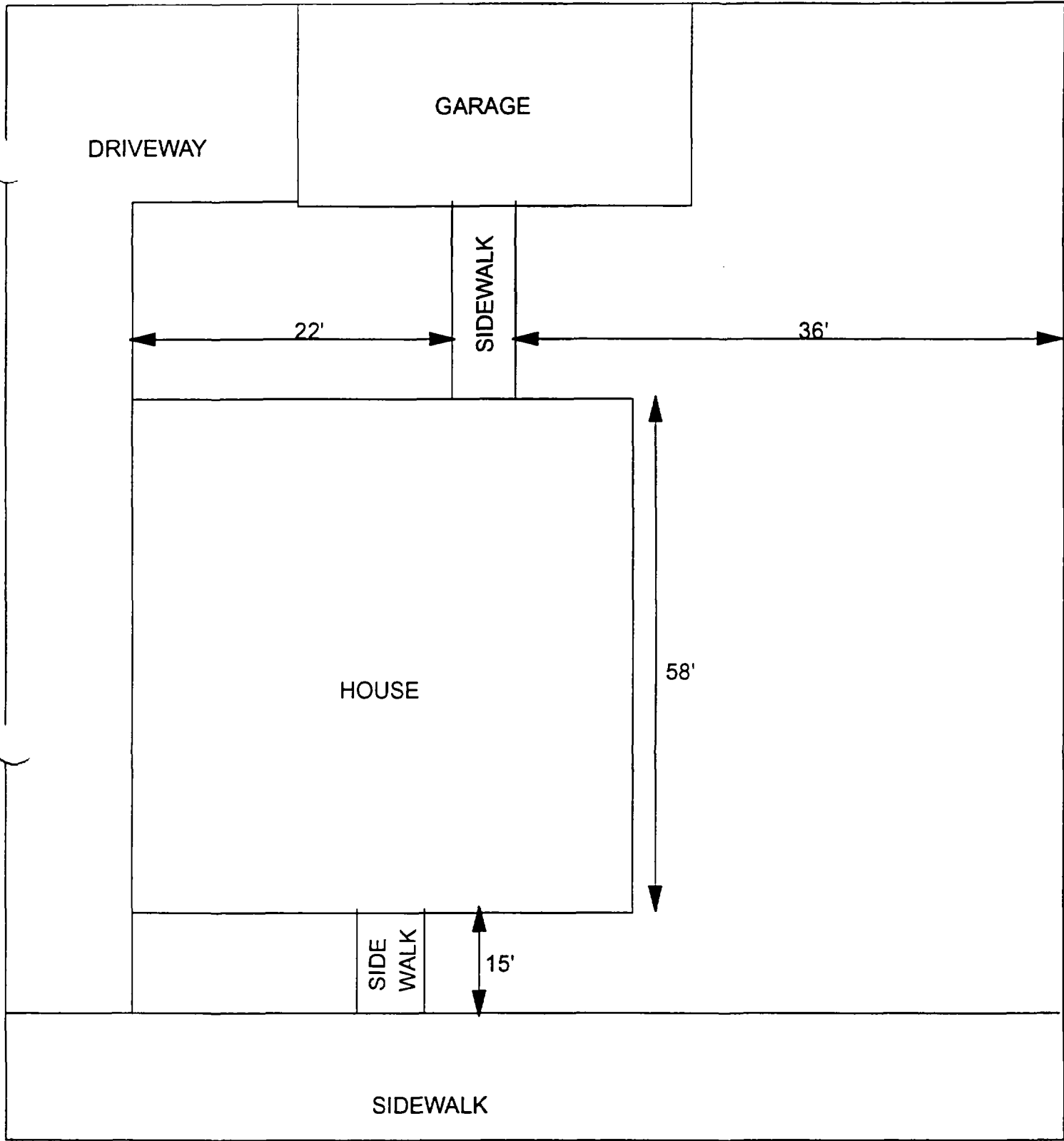
C	C	
	PPM	PPM
	No.	No.

244

445

Depth
Excav.
(inch)

6



1725 STATE		OHM Corporation Findlay, Ohio	
Drawn By: DDL	Checked By:		
Date: 8/12/96	Approved By:		
Scale: NTS	Drawing No		

1808/10 State

Action Date: 12-02-96

Loadout: 12-03-96

Restoration Begins: 12-03-96

Restoration Completed: 12-03-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 3 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 21.35 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

1808/10 State

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
21.35				14.41	39.74			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back			
A	A	A	A
Street/Number	PPM	PPM	PPM
Address	No.	No.	No.

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

Depth
Excav.
(inch)

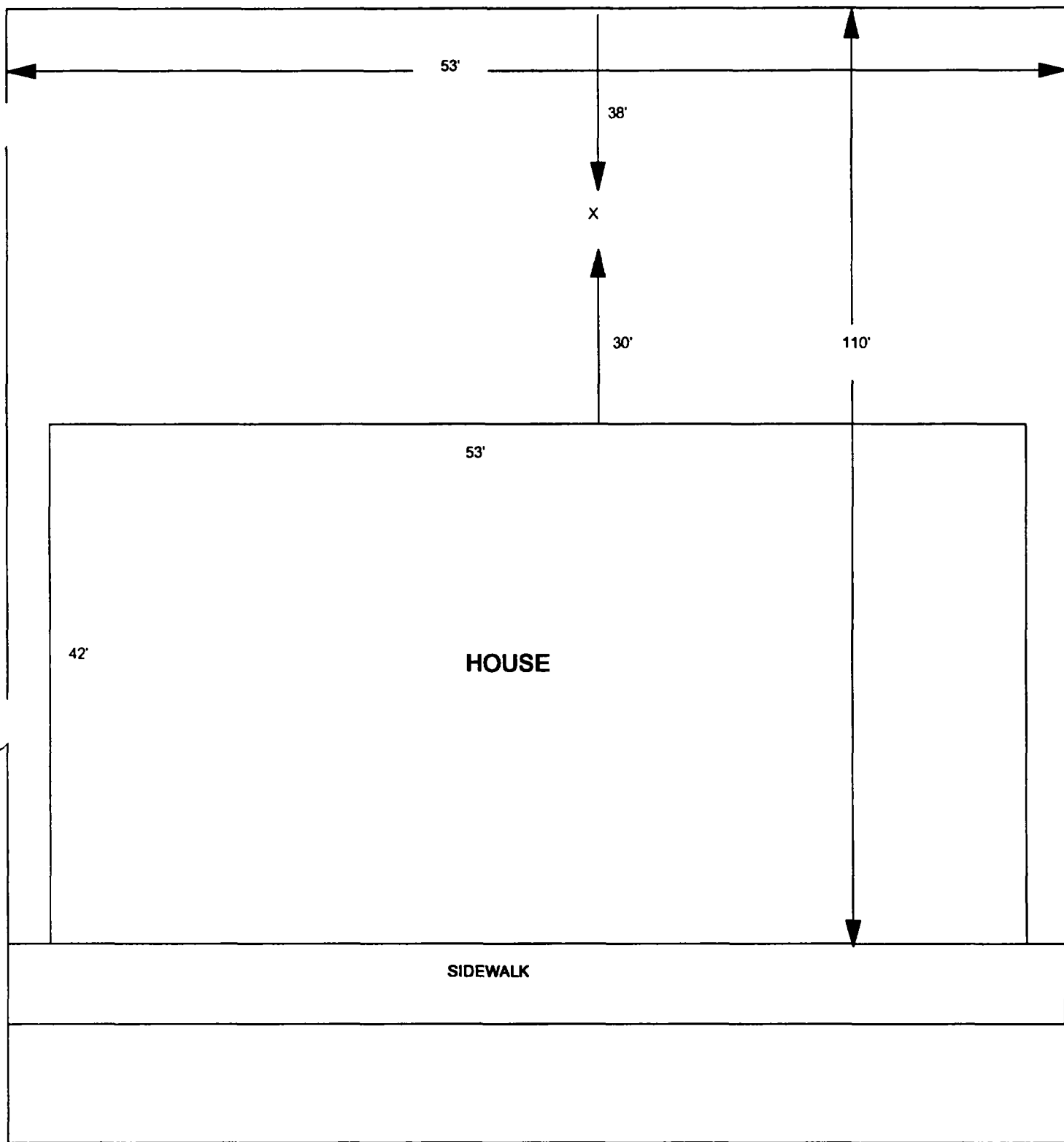
1808/10 State

590

302

243

3



X = SAMPLE POINT

1808/10 STATE

TOTAL
DEMINSIONS

110'X53'

OHM 
Corporation
Findlay, Ohio

Drawn By: JG	Checked By:
Date: 5/30/97	Approved By:
Scale: NTS	Drawing No:

1

2

3

2005 14th

Action Date: 11-21-96

Loadout: 12-06-96

Restoration Begins: 12-06-96

Restoration Completed: 12-10-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 183.86 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Brockmierer Sod Farm

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

2005 14th Street

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
183.86	12	149.66	720	13.24	94.67			

2007 14th

Action Date: 11-21-96

Loadout: 12-03-96

Restoration Begins: 12-03-96

Restoration Completed: 12-04-96

*Stack emission sites were not sampled for verification due to the fact that a pre-determined depth for excavation was given to OHM by USACE.

*An excavation depth of 12 inches was established by USACE prior to work commencing.

*The excavation of special waste yielded a total of 201.55 cubic yards, which was shipped to WMI-Milam for disposal.

*Equipment utilized during excavation:

*TL-26

*TCM 806

*17-KW

*X331

*Subcontractors:

*WMI

-landfill

*Brockmierer Sod Farm

-sod

EASEMENT INFORMATION

This easement was completed after the Temporary Restraining Order (TRO) was lifted.

**OHM CORPORATION
PROJECT 19321
GRANITE CITY, IL**

QUANTITY SUMMARY FOR

2007 14th Street

SPECIAL WASTE	BACKFILL (LOADS)	TOPSOIL (TONS)	SOD OR SEED	CA-6 (TONS)	CA-7 (TONS)	SAND (TONS)	CONCRETE	OTHER
201.55	15	177.53	900	25.17	26.4			

**Sampling Analysis
Project #19321**

0 - 3" Front and Back					
		A		A	
Street/Number		PPM		PPM	
Address		No.		No.	

2005/07 14th

1030 418
1440 225

3 - 6" Front and Back			
B	B	B	B
PPM	PPM	PPM	PPM
No.	No.	No.	No.

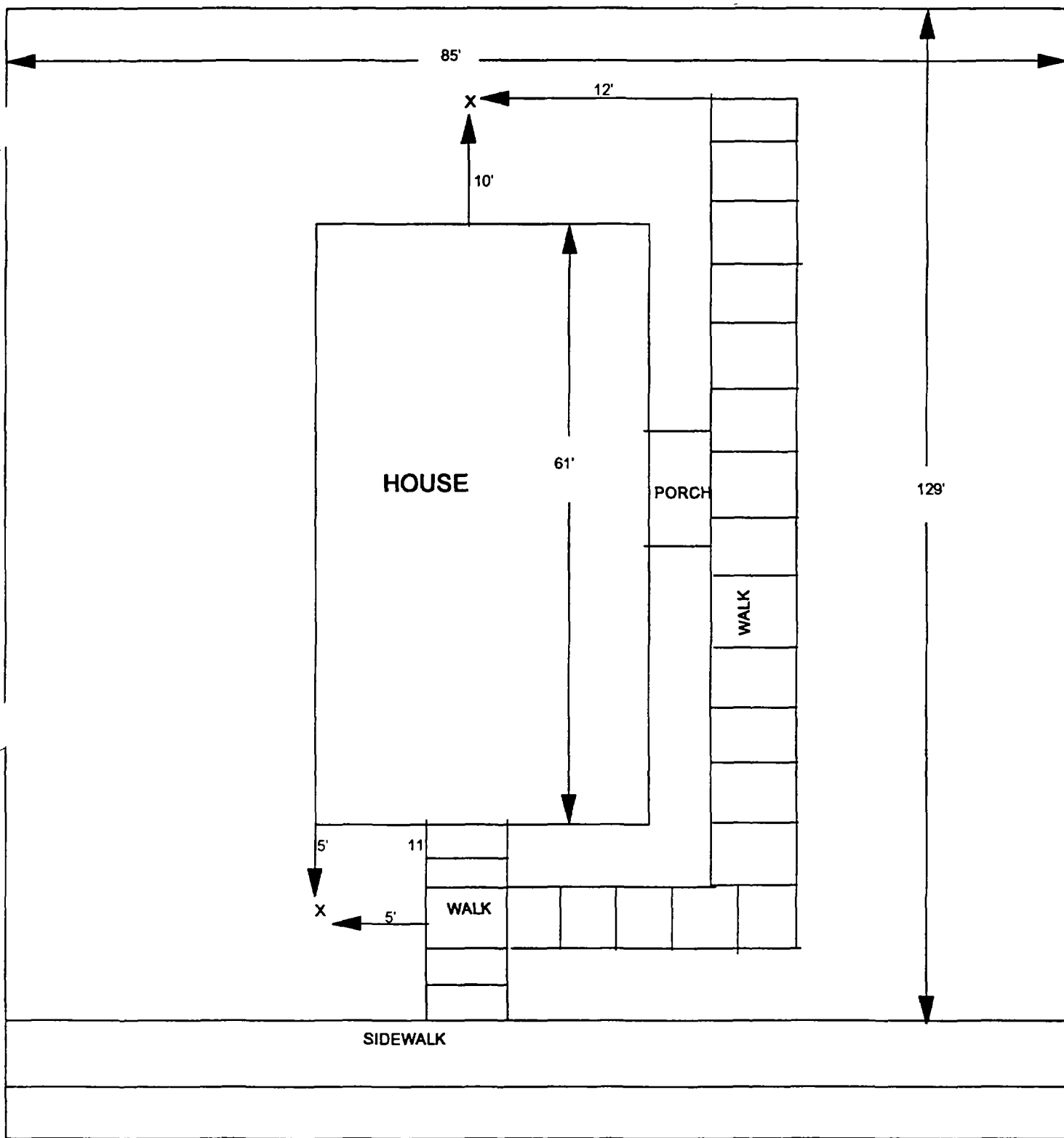
2090 339
478 330
350 220

6 - 12" Front and Back			
C	C	C	C
PPM	PPM	PPM	PPM
No.	No.	No.	No.

661 107
98 30
180 780

Depth Excav. (inch)

12



X = SAMPLE POINT

2007 14TH ST.

TOTAL
DEMINSIONS

129'X61'

OHM
Corporation
Findlay, Ohio

Drawn By: JG

Checked By:

Date:
5/29/97

Approved By:

Scale: NTS

Drawing No: